1009

METEOROLOGICAL OFFICE

REDUCTION

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

ROYAL HORTICULTURAL GARDENS

CHISWICK

IN

THE YEARS 1826–1869

BY JAMES GLAISHER, F.R.S. &c.

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METEOROLOGICAL OFFICE

ON THE

MEAN TEMPERATURE OF EVERY DAY, MONTH, AND YEAR

FROM ALL

THERMOMETRICAL OBSERVATIONS

TAKEN AT THE

HORTICULTURAL GARDENS

AT

CHISWICK

FROM THE BEGINNING OF 1826 *TO THE END OF* 1869

TEMPERATURE.

On the 28th of February in the year 1825, the Garden Committee of the Royal Horticultural Society resolved that it was expedient that a Meteorological Journal should be kept at Chiswick in the gardens of the Society; and observations were commenced on the 1st of May, but from the difficulties experienced in obtaining efficient instruments and other circumstances the observations to the end of the year were not considered to be sufficiently perfect for publication.

From the 1st day of January 1826 to the 31st day of December 1869, however, the observations were made upon one uniform plan throughout; till June 1830 by Mr. William Beattie Booth, A.L.S., and from that date, with but few exceptions which are not specified, by Mr. Robert Thompson, under-gardener in the fruit department.

The observations during the whole of this period of 44 years have been made at three different times in the day, designated in the journals as morning, noon, and night; and included the readings of the barometer, temperature of the air and either a Daniell's hygrometer or a wetted-bulb thermometer as well as maximum and minimum temperatures with solar and terrestrial readings, fall of rain, direction and strength of the wind by estimation, and brief notes.

The morning observations are stated to have been made at 6 o'clock in the summer months, and at daybreak in the winter months; the noon observation was made between noon and 1 P.M., and the night observation between the hours of 9 P.M. and 10 P.M.

In the reduction of the observations I have considered the morning observation to have been made at 6 o'clock A.M. in the months of April to August; at 6.30 A.M. in the months of March, September and October; at 7 A.M. in the months of February and November; and at 8 A.M. in the months of January and December; that the noon observations have been made midway between noon and 1 P.M., and the night observations at 9.30 P.M. throughout the year.

Considering that temperature is the most important meteorological element bearing upon all animal and vegetable life, and also considering that the science of open-air horticulture needs a full knowledge of the

extremes and means of climatic temperature; the horticulturist havin to contend with so great a difference in the distribution of temperatu at the same season in different years, that it is of the first importan to determine accurately the average of temperature of every day in th year, with the extremes to which it is liable. It is known that the leas disturbance of the animal economy takes place when the mean temp rature of the air is that of the average of the season, and the greate disturbances take place whenever the temperature of the air depart the greatest, either above or below that average; and there is no doub that the same general law affects all vegetation in a similar manner and that the effect follows the cause after an interval of time. It wa these considerations which induced me to confine my first reduction o this long series of observations to temperature alone.

The instruments used were:—

A Daniell's hygrometer, and maximum and minimum thermometer of Rutherford's construction made by Newman. (These thermometer were placed in an open spot in the Arboretum, screened from the ray of the sun and sheltered from radiation by a kind of umbrella of oile cloth; they were attached to the northern side of the post which supported the umbrella, and are four feet above the ground.—See page 100 Vol. vii. *Trans. Hort. Soc.*)

There is no record of change of instruments. The scale used was that of Fahrenheit, except in the years 1835, 1836, and 1837, when the centigrade scale was used.

Till the year 1844 there are no MSS. observations, but the observations are published *in extenso* in the *Transactions of the Royal Horticultural Society*. From the year 1845 the observations are in MSS.

The first process in the reduction of the observations was, day by day, to see that the several thermometrical observations in the day were less than the maximum and greater than the minimum, and to note all discordant readings.

The second step was to examine these discordant readings; for this purpose all the observations made at the Royal Observatory, Greenwich, on that day were consulted, for readings taken at about the same times, and to determine the general course of increasing and decreasing readings, and amount of change. A great many errors were thus found, principally in the readings of the minimum thermometer.

The third process was to take the daily sums and means of the three observations of morning, noon, and night temperatures, for a first approximation of mean daily temperature.

The fourth was to take the daily sums and means of the maximum and minimum temperatures, for a second approximation to mean daily temperature.

The fifth was to take the daily differences between the maximum and minimum temperatures, for daily range. Next to deduce from each of these approximate true mean daily values, by the application of corrections as calculated from my Tables of Diurnal Range.

The corrections to be applied to the mean of the three daily observations were as follows (dependent on the time of the year, the times of observation, and the daily range of temperature):—

In January	when the daily range was	7°	the correction was	0·1°	subtractive
„ „	„ „	30	„	0·7	„
„ February	„ „	7	„	0·1	additive
„ „	„ „	36	„	0·4	„
„ March	„ „	1	„	0·1	„
„ „	„ „	10	„	0·7	„
„ „	„ „	20	„	1·4	„
„ „	„ „	30	„	2·0	„
„ April	„ „	1	„	0·1	„
„ „	„ „	10	„	0·7	„
„ „	„ „	20	„	1·3	„
„ „	„ „	30	„	1·9	„
„ „	„ „	40	„	2·5	„
„ May	„ „	2	„	0·1	„
„ „	„ „	20	„	0·6	„
„ „	„ „	30	„	0·8	„
„ June	„ „	10	„	0·1	„
„ „	„ „	40	„	0·4	„
„ July	„ „	6	„	0·1	„
„ „	„ „	40	„	0·6	„
„ August	„ „	1	„	0·1	„
„ „	„ „	10	„	0·4	„
„ „	„ „	20	„	0·7	„
„ „	„ „	30	„	1·1	„
„ „	„ „	40	„	1·5	„
„ September	„ „	2	„	0·1	„
„ „	„ „	10	„	0·5	„
„ „	„ „	20	„	1·1	„
„ „	„ „	30	„	1·7	„
„ „	„ „	40	„	2·2	„
„ October	„ „	1	„	0·1	„
„ „	„ „	40	„	0·6	„
„ Nov. and Dec.	„ „	1	„	0·1	subtractive
„ „ „	„ „	30	„	0·4	„

These corrections were applied daily to the mean of the three daily observations to determine the true mean daily temperature throughout the whole times, excepting the three years when the centigrade scale was unfortunately used. I say unfortunately, for the observations were made to the whole degree only, and thus the error of reading was frequently as large as 1° Fah. A mean correction belonging to each

month was thought sufficient during these three years. The ne[x]
process was to apply a correction daily to the mean of the maximu[m]
and minimum temperatures, dependent upon the time of year, t[o]
deduce from these a second approximation to the true mean dail[y]
temperature, and which corrections are as follows :—

							°	
From	January	1	to	January	7	the correction was	0·1	subtractive
,,	,,	8	,,	,,	22	,,	0·2	,,
,,	,,	23	,,	February	5	,,	0·3	,,
,,	February	6	,,	,,	18	,,	0·4	,,
,,	,,	19	,,	,,	25	,,	0·5	,,
,,	,,	26	,,	March	1	,,	0·6	,,
,,	March	2	,,	,,	4	,,	0·7	,,
,,	,,	5	,,	,,	8	,,	0·8	,,
,,	,,	9	,,	,,	13	,,	0·9	,,
,,	,,	14	,,	,,	16	,,	1·0	,,
,,	,,	17	,,	,,	22	,,	1·1	,,
,,	,,	23	,,	,,	29	,,	1·2	,,
,,	,,	30	,,	April	5	,,	1·3	,,
,,	April	6	,,	,,	12	,,	1·4	,,
,,	,,	13	,,	,,	19	,,	1·5	,,
,,	,,	20	,,	May	1	,,	1·6	,,
,,	May	2	,,	,,	30	,,	1·7	,,
,,	,,	31	,,	June	30	,,	1·8	,,
,,	July	1	,,	July	25	,,	1·9	,,
,,	,,	26	,,	August	8	,,	1·8	,,
,,	August	9	,,	,,	21	,,	1·7	,,
,,	,,	22	,,	,,	29	,,	1·6	,,
,,	,,	30	,,	September	5	,,	1·5	,,
,,	September	6	,,	,,	11	,,	1·4	,,
,,	,,	12	,,	,,	19	,,	1·3	,,
,,	,,	20	,,	,,	28	,,	1·2	,,
,,	,,	29	,,	October	10	,,	1·1	,,
,,	October	11	,,	,,	20	,,	1·0	,,
,,	,,	21	,,	,,	26	,,	0·9	,,
,,	,,	27	,,	,,	31	,,	0·8	,,
,,	November	1	,,	November	3	,,	0·7	,,
,,	,,	4	,,	,,	8	,,	0·6	,,
,,	,,	9	,,	,,	13	,,	0·5	,,
,,	,,	14	,,	,,	17	,,	0·4	,,
,,	,,	18	,,	,,	23	,,	0·3	,,
,,	,,	24	,,	December	1	,,	0·2	,,
,,	December	2	,,	,,	11	,,	0·1	,,
,,	,,	12	,,	,,	24	,,	0·0	,,
,,	,,	25	,,	,,	31	,,	0·1	,,

By the application of these numbers a second mean daily temperature was formed.

The next process was to compare the daily results deduced from the three observations with that found from the maximum and minimum

temperatures—the two results should be alike, or nearly so; and when this was not the case, to note all instances of discordance.

Then to examine a second time all Greenwich records on those days, to trace the source of discordance; the errors thus found were mostly belonging to the morning or noon observations.

The last step was to combine the results found by the two methods together, for the determination of the most probable mean temperature of every day, as found from all the observations taken that day, and in this way Tables I. to XII. were formed.

The numbers in the first column are the days of the month, those in the following forty-four are the mean temperatures of the same day of the month in the successive years; the forty-sixth column contains the mean temperature of every day, as deduced from the forty-four years observations, and each value, therefore, is based upon about 220 observations, spread equally over the period. The remaining columns contain the highest and lowest mean daily temperatures within the periods, and the last column the difference between them.

The numbers in the bottom line are the means of all the numbers in the columns above them, and therefore are the mean temperatures of each month; each result is based upon 150 observations nearly; the whole number of observations treated of in this paper exceed 80,000.

TABLE I. *Mean Temperature of every day in the month of January, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869; *and extremes of Mean Temperature for every day within the same period.*

JANUARY.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840
1	41°·0	41°·6	43°·5	43°·1	32°·3	36°·6	26°·9	36°·9	40°·0	43°·3	25°·3	26°·[illegible]	45°·[illegible]	43°·9	50°·0
2	37·5	34·7	39·4	38·0	33·0	37·0	30·6	44·0	36·6	40·5	23·4	26·[illegible]	44·[illegible]	44·3	45·7
3	34·3	22·9	41·3	39·2	35·0	38·6	29·4	39·2	47·6	34·3	25·3	35·9	38·[illegible]	45·0	42·8
4	35·0	24·9	36·3	40·2	35·5	36·8	29·5	35·1	45·2	32·0	46·8	35·6	37·1	38·9	38·5
5	35·0	29·2	34·3	34·2	35·5	35·6	32·2	32·5	47·1	32·7	47·7	37·0	32·1	37·2	32·7
6	37·5	32·5	33·1	32·3	34·8	33·3	37·5	30·5	48·2	23·5	41·7	43·9	34·2	40·5	29·6
7	35·1	41·1	33·3	34·8	38·3	29·2	39·3	30·6	40·6	22·6	38·3	38·1	32·9	40·4	23·2
8	30·5	50·0	32·7	33·5	33·6	28·5	38·7	33·9	44·3	30·4	36·5	36·5	26·9	34·0	23·9
9	27·0	45·8	29·6	34·7	34·5	37·5	44·1	31·3	41·3	41·7	31·8	45·7	23·0	28·9	32·7
10	27·5	46·0	31·7	34·8	35·2	37·8	47·3	28·7	43·3	42·6	32·0	43·7	23·1	35·3	30·7
11	27·4	45·9	34·3	33·0	33·0	33·6	44·7	33·1	47·6	49·6	34·2	29·3	20·4	45·3	25·7
12	24·2	36·3	41·5	35·3	31·7	36·3	42·8	35·2	47·1	46·0	31·6	37·2	17·6	44·8	30·5
13	21·9	40·6	46·5	34·3	29·6	35·4	37·1	39·8	49·0	43·2	34·5	43·0	22·8	47·7	34·1
14	20·8	47·8	39·6	35·0	30·2	35·8	33·5	39·3	47·2	47·1	45·7	35·8	19·4	41·1	40·9
15	17·9	36·0	35·2	34·2	31·5	32·0	29·7	38·2	47·7	47·3	38·9	34·5	15·0	37·9	44·3
16	19·1	44·3	35·3	29·4	27·7	34·1	32·4	38·0	48·9	41·2	33·4	35·4	25·2	33·3	42·3
17	26·3	40·1	47·5	27·4	22·5	39·9	36·9	38·5	47·7	34·3	35·4	39·0	26·8	30·4	39·1
18	34·8	34·8	51·5	27·6	22·7	40·4	35·4	35·9	44·7	33·4	39·6	36·9	22·7	32·3	38·0
19	39·4	30·2	53·5	27·7	22·3	45·3	32·8	36·0	41·6	32·7	32·3	35·4	17·1	40·0	47·8
20	37·8	29·8	50·7	28·3	32·1	42·2	33·7	33·8	43·7	30·4	37·4	33·6	7·7	42·3	45·8
21	36·6	25·9	46·4	26·6	35·1	45·8	41·0	31·7	48·7	30·6	38·3	40·8	28·7	44·4	48·9
22	35·2	24·5	49·2	26·9	34·3	47·8	42·0	30·6	48·4	35·4	46·8	48·0	38·2	34·4	45·1
23	36·4	28·2	47·8	22·9	33·1	42·9	36·5	27·3	54·6	39·0	49·6	48·7	31·6	36·3	51·6
24	34·0	30·2	49·2	24·5	36·6	32·2	42·3	30·7	52·5	43·5	44·2	48·9	25·1	40·6	46·6
25	33·9	28·7	46·6	25·1	35·9	29·5	39·8	32·4	46·3	45·7	39·9	43·7	27·1	41·5	43·2
26	31·9	30·4	46·1	39·1	35·6	28·3	36·9	33·6	51·4	46·0	42·4	40·1	28·8	34·0	44·7
27	30·6	26·4	46·1	39·7	35·9	33·6	32·8	37·7	49·2	42·6	44·1	36·9	29·2	31·4	39·3
28	33·5	35·3	42·7	36·0	34·9	33·0	34·5	40·5	47·7	39·9	44·6	34·0	32·1	32·2	47·1
29	36·4	40·8	41·7	33·7	33·2	29·5	41·3	39·6	32·5	45·0	38·1	33·4	40·8	32·9	41·7
30	43·4	39·8	41·2	37·1	31·0	26·4	40·8	34·3	41·0	43·3	37·8	39·4	35·3	26·1	35·3
31	44·4	41·8	45·1	36·2	23·2	30·2	40·5	34·4	42·7	41·5	41·7	42·8	33·3	30·1	44·3
Means	32·5	35·7	41·7	33·2	32·3	35·6	36·9	34·9	45·6	38·8	38·0	38·2	28·5	37·6	39·6

Day of the Month	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857
1	40°·6	34°·6	33°·8	33°·2	39°·2	36°·6	32°·2	35°·5	30°·5	27°·8	52°·4	30°·2	50°·0	25°·6	49°·3	41°·8	47°·1
2	37·7	33·1	31·5	28·8	34·7	30·8	31·4	42·7	24·5	33·3	49·5	35·6	48·5	22·9	47·8	43·0	42·7
3	32·3	30·0	30·7	28·7	33·8	33·9	32·5	47·7	27·3	37·5	44·0	39·6	44·2	25·7	46·1	44·0	44·5
4	30·8	31·2	37·5	43·2	40·1	36·5	40·2	40·1	33·7	39·6	43·4	39·6	47·4	32·1	43·1	43·3	38·7
5	28·2	33·5	36·2	49·9	46·8	29·9	41·4	37·1	32·0	32·2	39·2	37·1	45·2	33·2	44·9	45·6	31·8
6	26·5	35·0	37·5	45·3	47·3	42·1	41·4	33·4	28·3	27·2	37·7	41·5	41·2	33·0	47·3	42·7	32·1
7	16·9	30·6	41·9	37·3	43·8	45·5	40·9	33·6	31·7	26·3	45·0	43·2	42·8	39·4	46·0	41·9	31·7
8	14·0	30·7	36·3	37·2	33·2	46·1	37·1	34·3	38·0	30·1	39·9	41·5	41·5	39·5	44·7	38·4	35·2
9	22·3	28·7	38·7	35·9	32·3	43·0	31·6	32·1	42·0	31·5	35·8	34·0	42·0	37·5	42·8	36·6	44·2
10	35·2	28·9	39·0	39·8	40·1	38·8	29·9	31·5	44·7	31·5	43·9	32·4	47·5	37·6	34·0	33·3	45·4
11	35·4	32·3	35·0	38·2	47·3	38·1	27·9	31·4	37·2	30·4	47·3	46·4	46·5	35·1	34·4	29·5	40·4
12	32·7	33·0	32·4	39·6	44·5	33·5	32·1	36·7	36·9	30·0	48·6	46·1	49·4	35·4	37·9	31·7	35·6
13	34·1	31·2	41·6	39·7	41·3	40·9	31·6	43·3	50·8	27·6	47·0	43·6	44·4	35·2	36·9	28·8	33·5
14	35·7	34·3	34·4	36·3	41·1	42·4	27·4	40·5	46·0	29·0	44·7	45·4	40·7	35·3	31·0	28·6	29·4
15	35·8	30·3	32·9	30·0	40·6	44·0	29·0	32·1	38·0	27·4	45·7	50·9	44·1	36·2	29·3	30·9	35·1
16	45·6	38·6	36·9	30·2	40·9	45·0	31·3	30·1	42·8	30·8	43·2	45·3	39·8	42·6	31·6	36·6	36·3
17	48·5	33·6	39·3	39·2	39·2	43·8	29·3	37·9	46·7	32·8	44·2	42·4	37·2	47·2	26·1	43·3	36·6
18	42·1	31·5	41·8	41·5	40·0	42·4	30·4	33·4	45·3	33·4	39·4	33·8	35·6	44·2	26·6	45·7	46·6
19	33·2	30·8	38·6	42·9	38·7	48·2	30·6	33·0	48·6	38·6	42·2	38·0	44·9	37·8	22·3	47·1	40·3
20	30·1	32·2	36·1	38·0	38·7	45·2	30·4	31·3	46·9	29·1	44·5	44·5	49·1	44·4	27·6	46·2	37·7
21	32·1	32·6	36·4	41·2	32·2	49·4	33·5	31·8	46·1	30·2	45·3	43·4	42·7	44·0	23·2	44·9	32·4
22	37·5	34·3	40·2	37·3	38·6	49·1	34·0	31·0	44·4	33·5	38·5	39·9	39·0	39·6	27·7	39·1	37·2
23	37·1	32·3	44·6	39·9	42·9	47·0	38·6	32·0	47·5	36·5	35·0	37·3	40·3	40·9	29·4	49·2	37·8
24	33·1	29·9	44·7	35·6	39·4	46·9	42·4	33·3	48·4	34·0	30·6	42·1	39·6	42·8	32·2	46·9	37·6
25	34·3	35·7	45·7	39·9	40·0	53·3	41·1	29·9	48·0	43·3	35·4	41·3	37·1	37·1	33·6	42·6	35·2
26	45·5	40·1	48·0	38·7	41·9	48·6	44·6	24·4	42·8	39·9	36·3	39·7	36·2	39·0	31·1	43·3	33·4
27	43·6	38·2	51·7	44·3	38·9	46·2	44·9	26·1	39·6	31·7	37·6	41·6	36·1	43·9	25·5	36·3	29·1
28	37·3	34·4	51·0	44·7	34·3	47·0	38·7	22·9	39·1	41·7	41·6	36·3	39·9	45·6	31·4	32·9	27·8
29	38·6	36·6	51·7	45·8	31·3	47·1	33·5	36·7	35·0	42·6	48·1	36·2	39·6	50·5	30·0	28·9	23·4
30	38·6	37·1	48·3	42·5	30·4	46·8	36·8	43·1	38·4	34·1	40·5	41·2	40·0	49·2	28·7	29·8	27·1
31	35·7	41·3	47·2	34·3	31·4	50·0	33·2	37·1	35·8	41·2	38·9	41·9	35·0	48·2	27·7	28·7	28·0
Means	34·6	33·4	40·1	38·7	38·9	43·2	34·8	34·4	39·9	33·4	42·1	40·4	42·2	38·7	34·5	38·8	35·9

Day of the Month	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years	Lowest and Highest Mean Daily Temperature in 44 Years: Lowest	Year	Highest	Year	Difference between the Coldest and Hottest Day
1	36°·4	41°·7	49°·8	35°·9	34°·2	48°·4	28°·4	28°·8	38°·6	25°·9	29°·5	37°·9	37°·5	25°·3	1836	52°·4	1851	27°·1
2	38·6	34·2	48·3	27·2	37·2	43·5	25·9	27·9	43·5	19·9	30·0	43·1	36·2	19·9	1867	49·5	1851	29·6
3	35·9	34·5	49·7	23·0	35·8	40·9	24·9	33·4	44·3	21·9	29·0	46·1	36·2	21·9	1867	49·7	1860	27·8
4	31·5	38·6	42·7	29·6	35·7	42·9	26·9	42·7	47·5	10·9	29·2	43·7	37·0	10·9	1867	47·5	1866	36·6
5	27·8	40·0	37·5	25·9	38·2	44·4	22·1	43·9	44·2	23·0	32·6	44·7	36·4	22·1	1864	49·9	1844	27·8
6	25·7	35·0	36·5	22·2	36·9	44·2	16·8	39·4	34·2	39·5	31·4	42·2	35·8	16·8	1864	48·2	1834	31·4
7	30·8	33·3	35·4	23·9	39·1	35·4	21·9	39·0	41·2	49·5	30·2	45·1	35·9	16·9	1841	49·5	1867	32·6
8	45·9	32·0	38·8	21·9	39·9	39·3	22·1	44·6	43·1	45·4	32·3	50·3	36·1	14·0	1841	50·3	1869	36·3
9	42·1	32·3	33·7	19·4	48·7	37·1	31·3	43·3	37·8	41·8	29·9	46·1	36·0	19·4	1861	48·7	1862	29·3
10	46·1	37·0	35·5	15·6	45·3	38·3	36·8	47·0	38·0	40·1	31·2	40·9	36·9	15·6	1861	47·5	1853	31·9
11	40·3	44·7	38·2	26·9	47·0	37·3	38·8	44·8	32·7	32·3	31·9	39·0	36·9	20·4	1838	49·6	1835	29·2
12	34·7	44·6	38·1	35·3	43·1	37·0	38·8	43·7	31·5	25·3	40·1	40·4	37·0	17·6	1838	49·4	1853	31·8
13	37·0	38·8	37·9	30·1	38·0	40·8	36·3	38·7	40·7	20·2	45·0	37·9	37·3	20·2	1867	50·8	1849	30·6
14	32·9	36·8	41·5	28·3	38·2	39·3	37·3	40·6	49·3	22·6	48·4	33·6	37·1	19·4	1838	49·3	1866	29·9
15	40·3	35·0	44·4	26·9	34·9	39·0	34·9	37·3	44·6	27·7	45·2	44·7	36·1	15·0	1838	50·9	1852	35·9
16	40·4	34·1	37·0	27·0	30·5	38·0	33·3	36·6	46·8	31·3	46·6	43·8	36·7	19·1	1826	48·9	1834	29·8
17	34·1	46·4	33·9	34·1	27·1	37·5	39·3	34·0	46·1	27·3	48·2	45·8	37·6	22·5	1830	48·5	1841	26·0
18	35·6	48·9	33·7	33·3	26·1	37·8	40·8	35·4	47·5	27·6	45·2	35·9	37·1	22·7	{ 1830 1838	51·5	1828	28·8
19	40·8	40·7	38·6	35·0	25·7	46·2	46·3	33·1	48·0	26·3	42·9	36·3	37·5	17·4	1838	53·5	1828	36·1
20	43·1	44·3	39·0	40·3	29·3	41·5	45·3	32·7	46·4	28·3	36·5	33·4	37·3	7·7	1838	50·7	1828	43·0
21	34·6	45·4	41·5	37·6	33·6	38·8	44·3	25·2	50·1	27·3	36·3	33·3	37·7	23·2	1855	50·1	1866	26·9
22	33·7	41·2	39·7	35·7	41·4	43·8	48·7	28·6	48·4	26·6	36·1	32·8	38·3	24·5	1827	49·2	1828	24·7
23	31·8	38·7	40·8	34·9	38·5	44·8	37·7	34·0	44·3	42·9	33·6	29·1	38·8	22·9	1829	54·6	1834	31·7
24	27·7	40·3	39·0	39·9	48·0	44·4	35·7	34·2	37·5	28·2	34·9	29·8	38·2	24·5	1829	52·5	1834	28·0
25	31·6	48·3	37·0	47·3	38·5	44·6	37·2	32·3	38·3	44·1	40·3	33·8	38·8	25·1	1829	53·3	1846	28·2
26	29·5	41·9	35·2	46·9	32·0	42·7	42·8	33·9	40·4	44·1	36·2	40·4	38·8	24·4	1848	51·4	1834	27·0
27	32·3	45·1	42·0	46·7	39·2	42·1	45·7	33·0	40·9	52·1	37·9	35·6	38·7	25·5	1855	52·1	1867	26·6
28	34·1	41·1	32·6	39·9	42·3	40·9	42·7	28·1	45·2	48·4	41·6	48·5	38·6	22·9	1848	51·0	1843	28·1
29	40·8	44·1	36·5	36·4	48·9	45·7	27·2	28·2	43·2	47·1	38·7	44·9	38·3	23·4	1857	51·7	1843	28·3
30	47·1	39·1	38·8	41·1	48·7	47·1	31·3	36·6	42·4	43·5	42·1	46·9	38·9	26·1	1839	49·2	1854	23·1
31	37·1	36·6	34·6	42·6	52·2	44·7	35·2	38·3	48·1	38·2	48·4	53·2	39·0	23·2	1830	53·2	1869	30·0
Means	36·1	39·8	39·0	32·6	38·5	41·5	34·7	36·1	42·7	33·2	37·5	40·6	37·4					

The Mean Temperature of the coldest day in January in the years 1826 to 1869 was 7°·7, and it took place on the 20th day in the year 1838.
The Mean Temperature of the hottest day in January in the years 1826 to 1869 was 54°·6, and it took place on the 23rd day in the year 1834.
The difference between these numbers is 46°·9, and it represents the extreme difference between the Mean Temperature of two days in the month of January in 44 years.

The day of the month whose Mean Temperature has been subjected to the greatest difference was the 20th; in the year 1838 its Mean Temperature was 7°·7; and in the year 1828 it was 50°·7; the difference between these numbers is 43°·0.
The day of the month whose Mean Temperature has been subjected to the least difference was the 30th; in the year 1839 its Mean Temperature was 26°·1; and in the year 1854 it was 49°·2; the difference between these numbers is 23°·1.

TABLE II. *Mean Temperature of every day in the month of February, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869; *and extremes of Mean Temperature for every day within the same period.*

FEBRUARY.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840
1	43·8	40·2	45·2	27·7	23·5	35·7	41·0	35·0	37·8	48·7	39·6	42·1	31·8	29·3	43·3
2	48·5	34·0	43·3	26·2	20·6	32·3	41·5	47·2	42·9	48·7	37·6	42·3	28·1	31·8	44·6
3	49·2	33·2	41·8	28·6	22·3	35·6	40·6	45·8	42·8	46·9	37·0	39·9	30·0	36·3	44·8
4	46·2	34·0	46·3	36·3	27·1	37·5	46·2	49·5	43·2	44·6	37·2	36·0	28·5	41·8	44·1
5	46·7	32·0	48·7	40·8	19·9	35·4	50·7	48·4	43·6	44·2	36·1	33·6	30·2	41·1	41·8
6	48·3	34·7	48·4	40·7	19·7	34·6	45·4	49·2	39·6	41·2	42·2	33·4	31·6	44·3	41·6
7	41·7	33·7	46·5	43·8	42·0	50·5	38·1	48·4	34·2	45·9	43·3	36·9	38·8	49·9	46·4
8	37·0	32·3	42·5	37·8	44·1	54·4	40·0	47·2	30·8	41·2	42·4	40·1	44·7	50·4	39·5
9	35·8	31·3	37·6	40·3	41·3	56·1	41·3	40·4	33·4	38·7	48·7	46·2	40·1	51·0	42·2
10	35·5	33·4	34·4	40·4	35·8	51·6	37·0	50·1	37·6	32·7	43·7	47·7	30·3	40·5	45·4
11	37·4	32·7	31·2	42·9	38·0	51·0	38·4	51·3	40·7	39·4	36·3	44·4	31·6	41·0	45·3
12	43·0	32·7	30·3	45·0	37·5	49·8	38·3	48·3	40·2	40·8	39·6	43·5	27·6	45·0	43·8
13	44·9	33·6	31·9	44·5	35·0	45·9	37·1	46·5	38·3	42·4	37·2	44·1	24·5	40·4	42·3
14	46·0	34·3	32·2	46·0	34·1	43·6	35·0	43·6	40·4	47·3	41·0	40·5	26·4	43·5	35·2
15	47·8	33·8	34·5	46·6	34·1	43·4	30·0	38·7	39·2	47·1	37·9	41·2	29·3	41·5	38·5
16	47·7	26·1	35·3	46·4	34·0	46·0	35·0	37·4	34·8	42·3	41·0	49·8	30·0	39·3	47·3
17	43·2	24·6	33·7	44·0	32·3	44·0	40·1	39·7	36·2	41·7	37·6	42·8	30·4	35·9	44·4
18	41·7	25·2	37·8	37·3	33·8	42·4	41·0	43·2	45·2	40·8	35·6	43·9	34·0	31·6	36·9
19	45·3	28·5	42·8	42·7	33·9	44·2	33·7	44·2	45·0	44·2	32·2	44·4	32·5	33·1	32·7
20	43·7	30·4	46·6	46·3	34·3	38·2	35·0	41·6	43·7	41·7	29·5	43·7	34·0	36·5	31·5
21	43·8	34·4	45·5	46·0	41·2	38·3	38·0	42·8	40·7	40·1	32·5	45·7	34·2	36·2	31·1
22	47·2	32·1	45·5	41·4	41·9	37·0	34·2	40·3	41·9	44·4	38·3	42·4	33·7	45·9	29·5
23	39·3	32·2	40·1	36·4	49·2	38·0	33·5	37·4	48·8	42·8	37·6	42·6	35·5	43·3	30·3
24	39·4	35·1	46·4	36·7	52·1	45·0	31·5	40·2	48·7	40·6	38·3	38·3	40·0	41·0	32·1
25	47·0	34·2	50·8	38·9	52·0	42·9	34·3	43·4	40·9	46·9	34·0	35·4	43·0	39·2	34·4
26	42·8	45·6	53·1	40·1	50·6	43·2	37·9	44·0	42·4	44·8	35·1	35·4	37·6	35·4	35·1
27	46·1	49·5	54·7	38·9	51·0	44·4	38·5	42·3	50·9	43·9	34·5	37·6	39·4	40·2	35·1
28	49·2	45·3	48·6	33·6	51·1	41·4	36·4	39·4	50·4	39·7	35·8	36·0	45·4	41·9	37·6
29	...	...	47·1	...	...	...	37·2	...	...	...	36·9	...	...	...	35·9
Means	43·9	33·9	42·2	39·9	36·9	42·9	38·2	43·8	41·2	43·0	37·9	41·1	33·7	40·3	39·1

Day of the Month	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
1	27·7	39·4	48·4	29·3	32·3	44·8	35·0	33·2	35·8	51·6	36·8	49·3	30·9	45·3	26·5
2	25·5	44·8	42·3	32·6	30·6	41·8	33·7	38·4	45·8	50·4	36·7	50·1	33·9	37·1	28·7
3	21·5	41·7	35·2	32·2	38·3	45·8	34·0	39·7	46·8	44·9	35·1	42·7	36·6	27·9	31·1
4	26·3	38·3	35·0	33·4	35·1	42·8	32·2	44·9	46·7	40·4	35·1	47·4	36·5	36·5	35·2
5	26·5	34·9	33·5	29·6	39·0	40·8	36·4	50·8	45·7	44·8	43·6	49·5	36·8	45·0	35·8
6	26·4	32·7	34·6	34·0	31·4	42·0	41·6	51·3	44·1	40·4	36·8	42·6	38·7	52·5	32·8
7	25·2	35·4	34·7	39·9	27·8	44·1	28·4	48·0	43·0	39·5	42·8	40·7	39·5	46·3	32·0
8	27·1	38·4	36·5	35·3	27·3	37·0	27·0	47·3	41·7	46·2	43·6	48·9	34·4	41·6	30·5
9	28·4	44·0	37·1	37·0	30·2	34·2	21·1	45·5	41·5	46·0	40·2	39·5	37·2	39·0	26·8
10	29·2	45·9	36·4	36·5	29·3	31·3	28·4	43·0	44·5	42·3	40·3	35·6	35·6	36·9	21·0
11	38·3	49·4	38·6	34·3	24·8	34·5	26·3	39·5	37·2	41·0	38·3	33·6	31·5	34·4	23·5
12	43·9	49·6	37·1	30·7	15·8	38·7	23·4	42·0	32·7	37·9	38·9	32·9	31·0	34·5	30·0
13	46·3	44·4	30·8	26·7	31·3	38·9	26·1	48·8	33·9	32·9	41·3	36·0	30·6	31·3	24·0
14	47·1	45·0	29·5	35·9	37·2	38·4	42·0	50·9	41·4	41·4	38·0	35·4	29·3	31·6	26·5
15	45·6	46·6	25·7	42·9	35·8	38·0	44·6	42·7	45·5	52·5	34·6	42·4	29·6	37·5	24·3
16	46·2	44·0	27·0	37·5	33·5	44·1	43·4	40·1	38·8	43·4	33·0	43·0	31·4	37·0	25·2
17	41·5	41·9	31·3	40·3	32·5	43·0	50·8	37·3	39·0	46·0	35·3	51·6	30·3	41·8	20·2
18	45·8	35·8	32·7	43·5	32·6	43·2	47·9	34·5	43·5	48·5	50·5	38·7	29·6	34·1	16·3
19	44·8	36·3	35·1	40·4	28·0	42·4	42·5	41·6	44·8	48·4	48·8	32·5	25·4	34·1	23·5
20	46·0	35·7	37·4	31·3	28·3	44·1	45·0	38·1	43·0	43·8	46·9	29·7	29·8	40·9	23·0
21	43·2	37·8	43·9	35·8	31·5	48·5	46·0	38·8	45·2	45·3	41·7	33·2	31·0	40·6	22·4
22	40·1	41·8	46·4	30·4	33·6	48·6	44·1	45·7	47·5	46·2	39·6	38·4	32·3	41·5	25·5
23	38·6	44·7	45·0	37·4	37·2	53·3	39·9	46·7	41·7	43·9	40·4	37·2	34·8	40·7	29·1
24	38·3	42·6	38·6	38·8	38·8	53·6	33·8	48·7	42·3	39·4	43·0	36·7	35·4	41·5	35·4
25	39·4	37·0	35·1	44·2	40·7	51·2	32·0	48·4	43·1	42·3	42·6	37·0	35·1	43·2	43·0
26	42·1	38·6	36·4	39·7	44·1	50·7	31·9	45·1	38·9	39·7	36·3	38·8	36·8	37·3	37·9
27	48·2	41·1	38·3	33·6	42·0	50·4	31·9	48·7	38·5	40·3	37·6	39·2	32·8	42·4	36·9
28	38·9	46·1	38·8	40·3	36·3	52·9	34·2	47·1	41·2	42·2	36·1	41·2	31·3	42·0	39·6
29	...	...	...	42·3	...	...	...	42·8	...	...	...	36·3	...	...	...
Means	37·1	41·2	36·5	36·1	33·0	43·5	35·8	43·8	41·9	43·6	39·8	40·0	33·1	39·1	28·8

Day of the Month	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years
1	33·2	26·2	31·1	41·7	31·3	45·8	50·6	43·7	41·7	44·5	51·2	46·8	48·2	48·8	39·0
2	32·9	31·3	31·3	40·7	33·8	37·4	48·7	48·0	47·2	44·8	45·6	42·0	46·1	39·2	38·9
3	33·8	29·5	40·5	32·7	33·3	40·2	49·6	43·3	45·5	42·5	41·5	39·0	40·5	49·9	38·4
4	35·6	26·5	44·2	41·3	38·5	43·9	53·2	41·7	36·1	35·3	44·8	41·7	41·4	50·7	39·5
5	42·5	31·2	42·0	44·4	43·1	45·3	48·3	46·4	32·1	36·1	45·9	43·2	44·2	49·5	40·5
6	46·8	42·3	38·0	38·1	36·9	45·5	43·6	48·0	32·0	39·7	51·4	42·3	40·3	46·6	40·2
7	51·2	39·8	36·0	33·0	38·6	44·6	33·5	48·9	25·6	45·5	46·1	40·9	43·7	50·9	40·6
8	49·8	41·4	33·7	39·7	43·0	43·4	26·0	42·1	31·5	38·0	43·5	48·4	37·3	51·4	39·9
9	52·1	41·1	34·0	43·0	32·7	40·4	34·5	38·3	27·4	33·0	47·0	47·7	35·1	47·4	39·2
10	48·7	42·1	33·4	43·3	25·4	34·3	36·1	42·6	29·1	31·7	44·2	50·2	45·8	49·7	38·4
11	46·7	44·7	33·2	46·1	29·4	30·7	37·0	43·3	34·6	26·1	42·6	43·9	43·0	50·1	38·1
12	47·8	36·4	39·0	46·3	29·7	31·5	39·8	39·6	40·4	29·3	40·2	48·7	37·9	43·5	38·1
13	48·2	35·8	41·4	43·4	27·2	33·7	36·7	36·8	46·8	27·6	34·6	47·6	41·0	41·2	37·6
14	47·0	35·2	37·8	40·0	29·8	34·2	38·7	39·2	44·0	28·7	36·4	44·7	45·2	47·3	38·8
15	44·1	36·8	35·4	44·9	34·0	45·9	38·8	42·1	48·1	23·8	39·2	46·5	39·5	45·7	39·5
16	42·4	39·6	36·0	51·0	37·7	45·4	38·0	33·0	42·3	32·8	43·1	50·6	36·2	48·6	39·5
17	39·0	42·8	34·8	48·3	38·5	46·4	41·7	34·7	37·0	33·7	33·0	45·7	39·3	48·0	39·0
18	34·7	43·9	29·9	38·9	39·6	44·7	45·6	37·7	33·0	39·4	31·8	44·7	44·6	44·6	38·7
19	35·6	36·2	30·3	40·7	35·8	44·8	49·4	42·6	28·3	33·5	33·0	48·9	43·4	42·2	38·5
20	34·9	41·5	32·0	45·3	33·5	44·5	50·7	41·2	28·2	31·5	34·7	49·2	42·1	42·3	38·4
21	33·6	43·7	34·1	45·5	36·1	45·7	43·7	42·0	29·5	33·5	37·8	47·7	48·6	41·9	39·5
22	35·3	41·4	32·5	42·4	36·7	47·2	48·0	43·0	29·0	40·0	40·3	48·5	45·0	34·2	40·0
23	38·8	37·8	37·0	37·5	31·8	44·5	45·6	44·5	28·5	45·2	41·5	43·4	40·4	36·9	39·8
24	38·1	37·0	34·2	39·5	30·9	41·2	39·1	44·6	32·8	42·0	40·6	44·8	50·4	40·2	40·2
25	40·5	34·7	31·3	39·1	33·3	39·9	37·7	42·6	34·0	39·4	42·0	46·3	50·7	42·7	40·6
26	48·7	36·4	30·1	40·6	45·0	39·4	34·5	46·3	36·9	41·9	38·9	42·1	50·1	46·6	40·8
27	47·9	40·2	32·4	44·3	39·8	39·4	34·5	45·7	38·4	42·4	34·4	38·7	46·1	44·4	41·3
28	42·1	43·5	32·7	40·4	41·6	43·9	37·3	43·4	39·4	46·3	31·6	34·7	49·5	40·6	41·1
29	40·9	...	...	...	35·4	...	...	...	38·9	...	...	...	45·3	...	...
Means	41·8	37·8	34·9	41·9	35·3	41·6	41·5	42·3	35·8	36·7	40·6	45·0	43·5	45·2	39·4

Day of the Month	Lowest and Highest Mean Daily Temperature in 44 Years: Lowest	Year	Highest	Year	Difference between the Coldest and Hottest Day.
1	23·5	1830	51·6	1850	28·1
2	20·6	1830	50·4	1850	29·8
3	21·5	1841	49·9	1869	28·4
4	26·3	1841	53·2	1862	26·9
5	19·9	1830	50·8	1848	30·9
6	19·7	1830	52·5	1854	32·8
7	25·2	1841	51·2	1856	26·0
8	26·0	1862	54·4	1831	28·4
9	21·1	1847	56·1	1831	35·0
10	21·0	1855	51·6	1831	30·6
11	23·5	1855	51·3	1833	27·8
12	15·8	1845	49·8	1831	34·0
13	24·0	1855	48·8	1848	24·8
14	26·4	1838	50·9	1848	24·5
15	23·8	1865	52·5	1850	28·7
16	25·2	1855	51·0	1859	25·8
17	20·2	1855	51·6	1852	31·4
18	16·3	1855	50·5	1851	34·2
19	23·5	1855	49·4	1862	25·9
20	23·0	1855	50·7	1862	27·7
21	22·4	1855	48·6	1868	26·2
22	25·5	1855	48·6	1846	23·1
23	28·5	1864	53·3	1846	24·8
24	30·9	1860	53·6	1846	22·7
25	31·3	1858	52·0	1830	20·7
26	30·1	1858	53·1	1828	23·0
27	31·9	1847	54·7	1828	22·8
28	31·3	1853	52·9	1846	21·6
29	...	...	...	...	...
Means					

The Mean Temperature of the coldest day in February in the years 1826 to 1869 was 15°·8, and it took place on the 12th day in the year 1845.
The Mean Temperature of the hottest day in February in the years 1826 to 1869 was 56°·1, and it took place on the 9th day in the year 1831.
The difference between these numbers is 40°·3, and it represents the extreme difference between the Mean Temperature of two days in the month of February in 44 years.

The day of the month whose Mean Temperature has been subjected to the greatest difference was the 9th; in the year 1847 its Mean Temperature was 21°·1, and in the year 1831 it was 56°·1; the difference between these numbers is 35°·0.
The day of the month whose Mean Temperature has been subjected to the least difference was the 25th; in the year 1858 its Mean Temperature was 31°·3, and in the year 1830 it was 52°·0; the difference between these numbers is 20°·7.

TABLE III. *Mean Temperature of every day in the month of March, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years 1826–1869; and extremes of Mean Temperature for every day within the same period.*

MARCH.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840
1	48°·8	48°·4	45°·9	32°·7	50°·2	41°·1	39°·5	42°·2	50°·6	35°·2	44°·1	34°·5	44°·3	44°·6	33°·7
2	50·3	45·2	46·0	34·3	49·0	51·5	42·5	43·8	51·2	39·6	46·2	37·0	41·2	48·1	36·3
3	46·9	44·8	45·7	37·5	46·5	50·3	41·0	48·8	49·5	41·7	42·2	38·5	41·0	44·3	39·0
4	48·8	43·8	46·0	38·3	41·0	51·8	44·8	48·2	51·4	41·2	45·9	39·9	42·1	40·3	35·6
5	44·1	41·7	37·9	40·1	42·2	49·7	41·5	42·5	53·1	41·9	43·5	41·0	42·6	33·0	35·2
6	40·5	45·0	34·0	41·7	43·0	49·5	41·6	40·3	47·7	45·0	42·1	39·9	42·8	30·0	36·2
7	52·0	46·2	38·6	43·0	38·7	44·4	38·1	37·5	50·6	41·7	40·3	38·5	42·7	30·3	35·4
8	52·7	44·9	52·5	43·2	44·8	47·0	33·7	33·8	51·7	41·9	38·3	40·6	42·3	29·8	36·7
9	55·3	35·1	51·5	43·1	45·6	44·0	37·2	35·8	51·3	41·7	39·9	43·0	38·3	29·9	39·0
10	53·6	39·1	50·4	40·6	50·1	45·7	36·6	36·5	49·2	42·1	44·6	42·8	40·0	33·8	45·7
11	44·3	51·6	50·8	36·9	53·2	45·9	36·4	35·3	46·3	47·1	46·6	40·1	40·4	37·9	41·3
12	43·1	49·6	49·0	38·1	51·3	46·6	40·5	32·4	48·2	45·0	45·9	38·1	39·8	41·3	41·3
13	41·1	50·1	54·6	38·3	46·0	46·0	42·0	32·3	42·3	43·0	46·2	39·2	44·8	45·8	45·2
14	45·0	48·7	52·6	35·2	46·7	42·5	44·4	35·2	44·7	50·0	45·1	39·6	52·5	48·9	42·9
15	45·7	41·7	53·9	33·7	43·5	49·0	38·7	37·0	41·6	43·9	43·5	38·5	43·2	47·3	42·7
16	38·0	43·0	55·9	34·3	46·2	55·2	42·6	43·2	43·7	45·5	41·4	37·9	42·0	46·6	39·0
17	35·7	42·8	53·4	38·3	49·7	53·0	46·9	37·7	40·9	46·2	49·8	37·4	39·8	38·7	41·6
18	38·9	35·4	52·3	45·8	51·9	44·9	44·9	38·8	36·4	41·2	52·3	36·9	40·4	33·3	42·3
19	42·9	41·2	47·2	49·4	50·3	45·9	46·6	36·3	36·6	40·6	52·0	36·7	42·9	37·8	39·3
20	41·8	49·5	47·0	51·6	48·2	50·0	44·7	39·6	37·5	46·8	54·9	32·0	44·2	42·5	41·1
21	42·0	51·0	45·1	48·3	53·0	50·0	49·9	37·6	41·5	48·4	49·6	31·5	41·8	48·7	36·1
22	39·7	50·3	41·6	48·8	46·7	43·3	50·5	36·0	45·2	42·4	46·2	31·3	36·6	47·0	40·6
23	39·4	51·4	40·1	44·6	49·8	38·6	46·2	31·8	47·2	43·9	45·1	31·5	34·3	50·6	38·8
24	38·3	50·5	38·0	37·2	51·8	37·5	39·9	36·9	43·2	40·5	45·0	32·0	41·5	50·0	35·9
25	39·8	45·8	35·2	36·5	52·3	42·5	40·4	38·1	38·2	38·7	43·3	36·5	42·8	45·0	35·6
26	36·0	42·2	38·6	42·6	54·2	51·0	45·3	37·9	40·2	40·3	37·9	36·9	33·1	43·9	34·8
27	37·4	45·6	45·9	42·9	54·0	53·8	47·9	36·3	49·7	44·6	41·4	36·3	43·5	49·4	37·5
28	46·1	50·2	40·0	43·8	51·4	50·9	40·7	42·6	46·0	40·1	40·1	41·5	46·1	44·9	38·5
29	43·2	42·8	38·4	44·3	52·8	41·5	44·2	44·5	44·4	38·8	43·3	42·6	49·5	42·1	42·4
30	38·3	43·9	38·2	43·6	50·2	42·8	47·7	43·2	45·2	38·3	48·2	38·1	50·3	40·3	46·6
31	38·2	44·7	40·5	38·9	48·8	44·7	46·3	46·6	43·0	50·4	43·5	36·7	43·9	44·5	44·4
Means	43·5	45·4	45·4	40·9	48·5	46·8	42·7	39·0	45·4	42·8	44·8	37·6	42·3	41·6	39·4

Day of the Month	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
1	36°·4	43°·2	33°·2	45°·9	35°·4	51°·6	35°·7	39°·6	43°·5	46°·3	37°·8	41°·8	32°·3	37°·5	45°·7
2	41·6	47·1	34·3	44·2	37·5	51·0	41·1	41·5	43·5	49·0	36·7	37·6	37·3	37·6	47·1
3	41·6	52·1	33·8	43·6	34·5	52·8	36·7	40·0	47·4	45·3	37·9	33·4	33·7	37·2	40·2
4	39·2	43·7	33·1	36·2	27·7	47·7	37·4	39·2	48·2	36·1	42·7	32·0	38·2	38·0	39·4
5	43·4	40·9	35·6	32·9	26·9	45·9	39·4	39·8	45·9	38·5	43·8	32·5	44·5	38·7	40·1
6	45·7	40·2	37·2	36·3	27·0	46·5	37·4	39·9	43·5	44·2	40·5	35·0	49·3	34·0	38·4
7	52·0	49·0	33·9	36·4	33·3	42·7	39·7	40·1	46·7	45·1	39·3	39·9	45·7	39·5	35·5
8	50·6	46·9	36·6	39·4	34·3	41·4	42·4	43·7	41·7	45·0	40·2	41·6	42·7	50·5	34·5
9	48·2	42·1	33·8	46·7	37·8	41·2	35·1	47·9	34·7	40·2	41·3	41·6	43·7	54·5	32·6
10	45·6	43·1	37·6	38·0	39·1	43·6	32·0	43·8	35·4	43·8	37·6	38·5	45·0	48·8	29·9
11	46·5	45·1	42·9	45·7	33·4	43·6	26·5	42·3	40·3	37·4	39·0	40·1	43·9	49·7	32·7
12	47·7	47·7	46·2	39·1	32·1	39·9	37·0	39·5	49·3	37·4	39·9	38·5	43·2	46·6	39·0
13	46·3	47·1	45·1	38·6	20·3	44·8	39·3	40·0	49·4	42·9	41·8	40·0	48·9	53·4	39·8
14	44·3	46·6	50·3	43·0	25·8	51·0	39·5	39·1	46·0	42·2	42·4	40·5	42·8	49·8	39·3
15	47·5	50·6	50·7	42·5	30·2	51·4	42·6	43·1	49·8	35·9	38·7	39·6	42·1	48·1	39·5
16	49·5	50·8	49·2	45·4	27·3	45·8	50·0	40·3	48·7	36·6	42·9	44·5	37·0	48·7	43·8
17	48·9	50·1	47·2	38·1	28·9	37·5	46·8	39·2	44·1	32·4	40·2	41·0	30·2	39·6	41·9
18	49·0	46·4	50·2	39·4	34·4	35·9	44·8	42·3	42·9	35·2	44·1	38·2	27·9	43·0	42·1
19	46·3	43·1	47·1	43·7	35·2	35·7	48·1	42·1	43·7	42·7	47·3	41·0	31·2	39·3	45·4
20	44·1	43·3	52·5	39·0	30·1	33·9	49·5	42·5	39·3	40·7	49·7	41·7	34·9	38·8	44·8
21	50·3	41·5	52·3	37·4	38·4	39·2	45·6	39·6	42·0	39·9	48·4	45·6	35·2	40·2	39·2
22	48·5	39·9	54·2	43·5	45·9	41·7	46·9	45·8	40·5	40·7	46·0	52·3	34·3	41·8	34·4
23	50·3	37·2	51·4	40·3	47·0	46·2	44·7	51·7	39·5	37·3	46·2	47·4	32·3	42·5	34·0
24	46·6	41·0	53·3	42·7	44·8	42·8	43·7	46·7	35·7	34·1	45·9	46·3	30·2	42·5	32·8
25	48·3	45·9	46·3	47·0	48·7	44·8	47·5	45·3	37·1	31·0	47·5	41·0	30·9	41·8	34·5
26	53·9	44·0	43·3	51·6	48·8	45·4	50·0	47·5	38·4	32·9	45·5	39·9	32·1	47·5	37·3
27	48·0	46·3	40·5	51·1	53·3	44·3	50·8	49·6	40·4	32·2	50·2	37·2	39·8	43·4	39·6
28	46·8	53·3	40·6	49·0	48·4	41·1	43·6	49·9	41·4	34·6	48·6	38·1	38·3	49·4	36·4
29	49·6	53·0	43·5	46·1	44·3	44·6	38·5	47·7	41·3	38·8	45·9	48·9	37·0	47·5	35·6
30	48·5	49·7	49·2	47·6	46·2	42·3	37·7	52·5	46·4	45·1	46·0	51·6	43·7	49·2	37·9
31	48·5	51·8	52·4	48·6	47·8	50·3	34·7	55·9	48·1	46·5	42·4	44·2	48·7	45·5	38·5
Means	46·9	45·9	43·8	42·5	36·9	44·1	41·4	43·8	43·1	39·7	43·1	41·0	38·6	44·0	38·4

Day of the Month	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years	Lowest	Year	Highest	Year	Difference between the Coldest and Hottest Day
1	41°·6	43°·5	31°·7	45°·7	39°·6	44°·4	36°·9	42°·9	39°·8	45°·0	31°·7	38°·3	43°·9	43°·6	41°·1	31°·7	1858 1866	51°·6	1846	19°·9
2	42·2	45·6	31·4	47·7	41·0	45·7	29·7	48·6	39·3	43·3	32·3	31·8	49·0	42·2	42·3	29·7	1862	51·5	1831	21·8
3	40·0	41·1	31·0	51·2	42·3	45·2	32·3	52·5	38·3	37·8	34·0	36·8	50·7	36·7	41·8	31·0	1858	52·8	1846	21·8
4	38·2	43·0	33·5	55·5	42·7	40·1	29·6	46·8	48·9	38·8	35·4	40·6	51·8	34·6	41·3	27·7	1845	51·8	1831 1868	24·1
5	39·5	39·2	34·0	51·3	39·4	44·5	35·7	49·7	43·5	40·1	32·2	38·9	50·3	45·2	41·0	26·9	1845	53·1	1834	26·2
6	39·0	46·5	36·2	51·6	41·2	47·1	51·8	47·2	47·0	34·2	35·4	35·2	44·5	41·5	41·2	27·0	1845	51·8	1862	24·8
7	33·5	44·2	38·0	52·0	34·7	46·3	53·5	42·7	47·1	35·2	36·0	33·5	45·3	34·3	41·2	30·3	1839	53·5	1862	23·2
8	38·2	37·8	33·8	41·1	33·7	48·2	50·2	41·7	41·5	37·7	39·6	34·4	40·4	33·1	41·3	29·8	1839	52·7	1826	22·9
9	38·8	34·4	34·5	36·3	32·5	42·3	48·4	37·1	33·1	39·1	38·3	39·1	43·0	38·5	40·6	29·9	1839	55·3	1826	25·4
10	42·2	34·9	35·6	38·1	31·6	46·4	48·4	37·1	37·1	34·1	38·5	38·1	42·4	35·1	40·7	29·9	1855	53·6	1826	23·7
11	33·0	34·0	31·4	46·9	37·5	42·1	47·7	36·6	46·1	36·6	36·6	38·9	45·5	35·6	41·2	26·5	1847	53·2	1830	26·7
12	35·3	36·8	34·8	53·3	38·6	41·2	48·1	36·5	42·4	37·8	39·6	33·6	47·3	35·7	41·7	32·1	1845	53·3	1859	21·2
13	36·1	39·1	42·9	51·7	39·2	37·3	47·3	43·6	46·6	39·6	38·5	31·3	50·7	35·2	42·6	20·3	1845	54·6	1828	34·3
14	36·4	45·9	44·7	50·2	39·5	41·6	43·0	40·6	49·5	36·9	33·6	31·6	48·0	35·6	43·0	25·8	1845	52·6	1828	26·8
15	37·8	43·3	45·3	45·5	38·4	45·3	43·5	41·0	46·4	35·3	39·7	33·8	43·8	36·0	42·5	30·2	1845	53·9	1828	23·7
16	44·3	44·3	51·6	48·9	44·2	39·3	42·3	41·0	40·3	35·3	47·2	31·3	46·3	35·0	43·3	27·3	1845	55·9	1828	28·6
17	41·0	44·3	49·1	48·7	49·9	38·4	43·0	38·5	34·4	38·8	44·4	31·8	46·2	37·0	41·9	28·9	1845	53·4	1828	24·5
18	45·5	51·7	48·5	42·2	47·6	41·1	42·4	39·2	38·9	36·8	43·9	32·8	42·4	40·3	41·9	27·9	1853	52·3	1828 1836	24·4
19	46·3	51·7	51·5	41·0	46·0	43·0	43·1	40·5	43·7	35·0	43·5	34·5	42·4	43·4	42·8	31·2	1853	52·0	1836	20·8
20	46·5	44·8	51·8	46·8	47·1	41·5	35·8	50·1	39·4	29·8	39·6	35·1	46·5	38·6	43·0	29·8	1865	54·9	1836	25·1
21	42·9	34·4	47·4	41·0	43·6	38·4	36·2	44·9	43·4	31·9	36·9	36·8	50·8	39·7	42·7	31·5	1837	53·0	1830	21·5
22	41·4	36·3	43·6	40·3	40·5	42·5	37·3	47·4	41·8	35·7	38·1	39·7	48·8	40·4	42·7	31·3	1837	54·2	1843	22·9
23	40·0	36·9	48·3	47·1	40·8	45·8	40·3	50·6	39·1	34·7	42·6	51·0	41·1	36·1	42·6	31·5	1837	51·7	1848	20·2
24	38·7	41·8	52·4	49·2	41·8	49·6	50·8	50·0	36·3	33·5	46·5	51·0	37·4	39·4	42·4	30·2	1853	53·3	1843	23·1
25	38·8	41·8	44·5	51·3	41·6	43·9	54·3	48·3	38·5	36·6	45·6	49·9	40·6	40·8	42·4	30·9	1853	54·3	1862	23·4
26	37·3	44·0	41·0	48·9	38·4	48·0	48·5	49·4	38·3	34·3	46·9	49·4	48·3	41·3	42·9	32·1	1853	54·2	1830	22·1
27	37·6	44·7	44·4	50·4	44·0	50·1	50·7	46·8	37·3	33·1	49·4	46·3	47·9	35·6	44·4	32·2	1850	54·0	1830	21·8
28	38·5	46·8	46·3	49·6	51·4	46·6	47·5	52·9	41·8	35·8	50·9	46·2	44·1	36·7	44·5	34·6	1850	53·3	1842	18·7
29	35·3	47·7	46·4	48·0	50·8	45·4	44·7	50·3	38·1	35·2	56·3	43·2	42·7	36·4	44·0	35·2	1865	56·3	1866	21·1
30	37·2	48·6	51·4	36·2	48·4	42·4	48·0	47·2	39·3	38·1	50·7	41·1	40·4	37·4	44·4	36·2	1859	52·5	1848	16·3
31	41·1	47·1	54·0	34·7	47·7	41·9	48·7	45·1	44·2	45·0	48·9	41·7	45·2	40·8	45·1	34·7	1847 1859	55·9	1848	21·2
Means	39·5	42·5	42·3	46·5	41·8	43·7	43·9	44·7	41·3	36·8	41·1	38·6	45·4	38·1	42·4					

(Lowest, Year, Highest, Year: Lowest and Highest Mean Daily Temperature in 44 Years.)

The Mean Temperature of the coldest day in March in the years 1826 to 1869 was 20°·3, and it took place on the 13th day in the year 1845.
The Mean Temperature of the hottest day in March in the years 1826 to 1869 was 56°·3, and it took place on the 29th day in the year 1866.
The difference between these numbers is 36°·0, and it represents the extreme difference between the Mean Temperature of two days in the month of March in 44 years.

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The day of the month whose Mean Temperature has been subjected to the greatest difference was the 13th; in the year 1845 its Mean Temperature was 20°·3; and in the year 1828 it was 54°·6; the difference between these numbers is 34°·3.
The day of the month whose Mean Temperature has been subjected to the least difference was the 30th; in the year 1859 its Mean Temperature was 36°·2; and in the year 1848 it was 52°·5; the difference between these numbers is 16°·3.

TABLE IV. *Mean Temperature of every day in the month of April, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869; *and extremes of Mean Temperature for every day within the same period.*

APRIL.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840
1	43·0	45·2	46·1	39·5	37·2	42·8	46·7	49·1	46·3	54·3	38·8	39·0	35·0	41·3	44·6
2	49·3	52·7	42·1	34·7	36·7	42·8	48·3	50·7	49·0	59·7	40·1	41·4	38·4	38·6	47·1
3	54·1	51·2	39·5	40·0	34·6	46·5	52·9	51·5	45·6	55·9	39·7	39·2	41·9	33·2	40·7
4	54·3	51·4	39·5	48·0	35·0	43·8	54·7	51·4	48·2	52·5	38·5	39·9	49·8	34·1	42·7
5	53·3	53·8	41·3	50·4	39·4	46·8	57·6	50·2	50·0	48·9	45·0	38·8	51·3	35·7	47·7
6	55·3	58·7	46·2	49·1	45·7	48·8	49·3	47·4	47·2	50·5	45·7	39·0	54·3	34·5	44·7
7	55·2	55·2	45·1	44·2	51·4	55·4	45·3	45·6	49·9	50·2	44·2	39·0	47·1	38·7	44·0
8	57·3	52·6	47·6	43·7	58·0	48·2	46·5	45·7	44·2	56·1	46·4	37·8	44·0	37·0	41·3
9	54·7	54·7	48·7	43·3	56·4	54·1	46·7	49·2	41·6	57·9	43·2	36·0	42·7	38·4	40·8
10	51·1	53·0	45·1	45·2	49·9	52·8	45·8	48·6	40·8	51·1	47·8	33·6	54·0	40·7	43·9
11	52·6	49·8	52·0	49·8	51·1	52·2	46·6	43·2	41·6	43·2	43·7	35·6	57·0	42·7	47·9
12	49·0	49·6	55·1	52·6	51·6	56·0	45·6	43·2	40·1	47·3	47·6	37·4	46·7	43·6	46·4
13	52·3	49·0	53·2	48·9	48·5	58·1	46·4	46·7	40·2	50·2	50·0	36·9	43·3	43·8	46·8
14	55·5	50·0	53·5	53·0	54·3	50·0	49·2	40·9	42·0	49·8	50·9	38·8	47·3	48·9	50·1
15	59·0	53·1	51·6	50·0	56·5	53·5	52·7	43·2	46·0	46·9	45·5	42·3	49·2	48·1	50·6
16	52·2	49·8	51·4	41·6	57·3	55·2	50·5	41·2	46·5	37·9	45·9	36·9	37·0	51·4	53·0
17	48·2	49·7	50·8	50·3	53·5	49·6	48·4	40·8	49·0	37·4	44·4	42·1	39·6	46·4	47·7
18	50·5	46·6	50·5	51·8	55·1	47·5	52·3	41·1	49·7	43·7	46·6	41·7	38·5	51·3	49·5
19	55·8	48·6	51·6	46·0	46·6	49·8	46·5	46·2	52·2	48·9	50·7	44·6	36·7	50·3	47·5
20	51·2	47·5	48·9	45·4	51·4	49·6	47·0	45·1	50·2	52·2	50·2	43·9	38·3	43·7	54·3
21	55·2	46·2	44·9	51·0	53·6	50·4	50·0	45·2	45·6	52·5	51·3	40·6	39·8	49·2	53·8
22	59·8	41·7	45·9	44·4	55·1	55·7	53·4	51·3	47·4	52·5	52·2	45·3	40·7	53·4	59·7
23	49·9	39·0	48·2	50·4	53·4	54·0	56·4	53·6	48·2	51·3	49·5	44·8	46·6	47·7	56·5
24	45·6	39·9	52·6	46·5	52·2	54·2	46·2	50·2	44·7	52·9	44·4	46·4	44·9	42·5	59·9
25	43·5	40·9	52·0	39·4	51·2	56·0	47·5	42·6	47·6	47·8	50·5	50·4	45·6	46·5	61·5
26	47·1	42·1	51·3	45·1	55·6	55·6	43·6	53·7	47·2	41·7	46·8	52·2	43·9	46·7	60·7
27	42·2	49·9	54·4	46·8	55·2	54·9	44·7	55·0	57·9	39·7	42·1	45·3	41·1	50·7	60·4
28	39·0	55·0	60·3	44·8	60·9	50·6	45·2	50·4	58·4	46·2	44·8	49·3	42·8	51·8	61·1
29	40·5	59·6	66·0	39·4	62·0	55·8	50·0	44·5	57·1	43·7	39·2	50·5	42·7	53·1	60·6
30	44·1	66·0	59·2	43·1	62·1	57·5	53·0	48·3	53·4	47·3	41·4	53·1	48·2	57·2	59·4
Means	50·7	50·1	49·8	46·0	51·1	51·6	49·0	47·2	47·6	49·0	45·6	42·1	44·3	44·7	50·8

Day of the Month	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
1	46·8	42·8	53·7	48·1	43·3	53·2	35·9	56·1	47·5	53·1	48·1	42·5	49·0	51·9	38·4
2	43·0	40·0	53·5	52·1	46·4	50·7	35·2	57·9	46·4	52·9	47·6	40·3	47·4	49·8	35·6
3	43·0	40·4	53·9	54·6	49·4	46·0	38·1	59·0	45·3	52·8	48·6	39·9	48·9	48·9	44·4
4	46·5	41·6	51·8	54·7	51·3	45·6	42·7	59·1	45·8	51·3	45·1	40·7	54·9	45·5	41·7
5	45·9	41·2	47·5	48·8	44·7	46·9	47·4	52·7	46·4	48·0	40·5	45·3	52·8	50·8	43·4
6	44·4	45·2	52·0	49·7	42·8	43·9	48·7	43·8	45·4	50·6	38·7	48·0	53·9	49·1	52·6
7	45·1	46·8	53·9	47·9	42·9	43·6	49·6	42·8	44·7	55·1	40·2	44·8	50·6	53·0	49·5
8	43·5	42·6	49·1	47·7	41·1	45·9	49·9	40·7	46·1	52·5	43·2	43·7	42·9	55·1	47·1
9	44·3	44·4	42·2	52·1	40·7	44·7	46·2	42·3	46·5	50·0	40·7	43·1	42·0	50·3	49·3
10	45·1	42·3	38·2	50·3	40·4	49·2	45 8	41·9	43·5	49·5	42·6	44·0	47·3	44·2	46·7
11	41·1	41·6	36·7	50·2	39·6	49·6	45·6	48·2	41·0	50·0	41·9	46·2	50·1	50·4	48·7
12	37·8	41·2	38·1	51·7	44·0	55·9	54·3	52·2	43·4	51·1	45·1	46·6	46·2	51·0	51·7
13	48·1	40·8	36·7	52·0	46·3	50·7	42·8	50·3	42·6	49·1	42·5	48·6	39·6	49·8	48·3
14	49·6	44·4	48·5	51·6	46·0	52·1	41·5	43·4	43·7	50·7	44·3	54·5	43·7	48·0	50·5
15	46·4	43·8	53·0	55·3	42·6	52·0	41·0	47·3	42·6	50·8	45·0	49·6	46·5	51·6	54·5
16	44·7	46·6	53·5	53·5	44·8	53·3	39·3	51·8	43·2	48·7	49·2	43·3	49·4	52·0	57·2
17	49·0	45·5	54·1	55·3	49·8	50·6	38·3	49·9	36·4	50·3	52·9	44·1	52·4	48·0	53·8
18	51·7	44·5	55·5	49·3	45·5	44·2	43·3	47·8	40·3	50·4	54·7	44·1	55·8	54·2	47·4
19	45·9	45·0	51·3	53·8	47·1	44·7	44·3	50·3	35·3	53·3	50·4	39·6	50·2	60·9	49·5
20	46·7	49·9	58·5	57·5	52·4	43·0	46·3	51·8	36·6	48·6	55·4	45·1	46·1	63·3	48·4
21	46·0	50·8	54·8	57·5	52·1	43·5	49·9	49·5	38·4	49·0	54·5	49·4	46·7	59·6	42·0
22	47·3	51·3	49·5	56·9	47·7	47·9	44·8	48·4	43·6	48·0	50·6	55·8	44·8	47·0	41·6
23	43·0	56·7	48·8	55·2	53·8	47·4	45·7	51·1	44·4	44·4	52·2	55·5	43·6	41·1	43·0
24	50·4	61·0	46·7	52·8	55·5	46·5	46·0	44·7	48·3	45·9	51·6	44·2	42·3	40·5	53·9
25	54·5	58·3	44·7	55·3	58·2	50·7	47·9	41·6	52·4	48·5	48·6	45·2	37·4	45·1	41·6
26	59·0	53·4	44·3	59·1	54·4	41·5	50·1	43·1	47·8	50·9	48·8	50·2	42·0	47·6	45·2
27	63·8	52·6	46·9	51·3	52·6	44·6	52·1	45·3	50·5	45·1	41·8	43·6	44·4	46·9	44·6
28	61·6	58·3	48·0	50·5	55·5	45·0	50·9	43·1	48·0	45·3	43·2	53·4	48·2	45·9	47·1
29	57·2	56·6	50·9	50·4	57·5	47·4	48·2	43·6	54·6	47·3	44·0	55·4	45·2	44·1	45·5
30	55·9	58·5	58·7	52·3	56·0	52·6	46·1	48·3	55·7	48·3	44·2	56·0	48·4	48·4	45·8
Means	48·2	47·6	49·2	52·6	48·2	47·8	45·3	48·3	44·9	49·7	46·5	46·8	47·1	49·8	47·0

Day of the Month	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years	Lowest and Highest Mean Daily Temperature in 44 Years: Lowest	Year	Highest	Year	Difference between the Coldest and Hottest Day
1	51·8	49·3	39·3	37·7	45·8	43·2	52·7	44·1	44·7	45·9	42·7	52·8	48·2	40 5	45·4	35·0	1838	56·1	1848	21·1
2	53·5	50·0	43·3	48·2	40·1	44·0	52·6	45·1	43·2	44·7	43·1	54·5	47·9	44·2	46·0	34·7	1829	59·7	1835	25·0
3	49·6	49·6	52·4	54·0	44·6	45·7	50·1	47·2	46·0	45·9	43·4	53·7	50·8	41·1	46·7	33·2	1839	59·0	1848	25·8
4	47·7	50·6	47·6	56·5	44·1	45·8	49·5	47·8	55·6	44·2	42·7	50·7	48·7	40·0	47·1	34·1	1839	59·1	1848	25·0
5	48·4	57·1	42·8	56·8	47·7	42·8	51·3	44·2	38·2	51·4	46·6	51·6	53·2	47·9	47·6	35·7	1839	57·6	1832	21·9
6	43·9	53·8	41·5	60·5	45·4	43·4	51·7	51·1	44·1	54·3	48·1	53·9	55·0	44·6	48·1	34·5	1839	60·5	1859	26·0
7	46·8	52·5	41·5	63·0	50·1	43·5	48·4	46·6	45·9	55·3	44·1	50·9	54·9	53·7	48·1	38·7	1839	63·0	1859	24·3
8	46·9	49·9	46·3	54·5	51·7	39·1	43·3	48·9	47·4	52·9	48·0	47·9	45·2	53·9	47·1	37·0	1839	58·0	1830	21·0
9	46·1	49·2	38·6	52·5	42·0	39·2	44·7	53·6	53·3	50·6	42·9	48·9	40·7	45·2	46·2	36·0	1837	57·9	1835	21·9
10	51·5	51·6	41·3	49·1	39·5	40·7	46·1	55·1	54·1	55·6	47·3	47·9	40·2	54·6	46·6	33·6	1837	55·6	1865	22·0
11	53·0	41·1	44·9	47·2	40·0	45·6	40·9	53·0	51·6	50·1	50·1	46·9	41·5	59·1	46·7	35·6	1837	59·1	1869	23·5
12	51·7	42·9	42·7	44·4	41·3	51·0	32·1	53·1	49·6	52·5	53·5	47·9	37·3	58·4	47·3	32·1	1862	58·4	1869	26·3
13	52·3	40·8	40·7	39·9	40·7	47·1	35·6	50·6	38·0	54·8	53·1	50·3	44·0	57·6	46·5	35·6	1862	58·1	1831	22·5
14	50·4	40·5	49·0	44·6	39·6	45·7	39·4	49·7	48·3	52·2	49·4	50·2	43·7	63·3	48·0	38·8	1837	63·3	1869	24·5
15	47·3	39·9	55·7	39·6	47·2	45·5	33·5	49·5	56·6	47·3	52·1	51·6	49·1	53·9	48·6	33·5	1862	59·0	1826	25·5
16	43·3	40·7	60·3	37·3	47·3	49·4	46·5	53·5	46·0	57·3	50·4	50·3	52·5	49·8	48·3	36·9	1837	60·3	1858	23·4
17	44·8	49·1	47·7	38·0	45·6	49·3	48·5	55·8	49·7	56·5	51·0	54·8	53·9	47·3	48·2	36·4	1849	56·5	1865	20·1
18	46·8	55·9	48·7	38·4	46·0	48·1	51·7	52·4	49·7	55·5	52·3	56·8	49·4	46·1	48·7	38·4	1859	56·8	1867	18·4
19	41·5	55·4	49·2	39·4	38·3	43·8	54·3	50·0	56·8	54·6	53·8	58·3	51·4	49·3	48·6	35·3	1849	60·9	1854	25·6
20	44·6	52·8	52·0	42·8	41·3	42·8	55·7	53·3	56·9	51·4	48·0	51·4	51·9	49·8	49·2	36·6	1849	63·3	1854	26·7
21	45·5	51·7	56·7	43·0	38·4	40·4	48·9	51·3	58·1	58·7	53·7	46·4	54·6	54·6	49·4	38·4	1849 1860	59·6	1854	21·2
22	45·7	46·3	59·1	42·7	38·3	47·1	52·9	53·3	52·5	60·4	47·9	52·0	54·9	51·0	49·7	38·3	1860	60·4	1865	22·1
23	48·2	39·9	58·1	46·5	42·7	45·0	52·3	49·5	51·4	56·2	47·3	55·5	53·8	54·8	49·5	39·0	1827	58·1	1858	19·1
24	46·8	41·8	55·2	48·2	37·9	50·3	56·9	49·1	49·2	54·6	50·4	54·2	52·4	55·4	49·0	37·9	1860	61·0	1842	23·1
25	57·2	41·3	51·4	51·5	45·6	50·0	59·9	54·9	49·0	52·1	55·9	48·8	49·5	57·6	49·5	37·4	1853	61·5	1840	24·1
26	53·7	40·2	48·7	54·3	43·4	49·8	55·9	52·9	50·6	60·1	60·5	49·8	51·2	54·4	49·9	40·2	1857	60·7	1840	20·5
27	40·4	40·8	48·0	46·9	42·4	32·4	54·0	55·5	50·5	64·0	64·1	51·2	51·0	59·4	49·2	32·4	1861	64·1	1866	31·7
28	43·8	40·0	52·2	49·6	44·9	41·2	55·0	50·7	45·6	58·4	58·5	50·8	50·2	57·1	50·1	39·0	1826	61·6	1841	22·6
29	44·5	45·0	51·1	55·4	50·3	40·6	57·5	44·6	52·6	44·5	42·9	51·7	55·2	47·9	49·9	39·2	1836	66·0	1828	26·8
30	43·6	43·8	47·5	44·2	51·5	49·9	58·6	42·4	49·9	41·4	41·4	52·4	57·2	50·8	51·0	41·4	1836 1865 1866	66·0	1827	24·6
Means	47·7	46·8	48·5	47·6	43·8	44·8	49·4	50·3	49·5	52·8	49·5	51·5	49·7	51·4	48·2					

The Mean Temperature of the coldest day in April in the years 1826 to 1869 was 32°·1, and it took place on the 12th day in the year 1862.

The Mean Temperature of the hottest day in April in the years 1826 to 1869 was 66°·0, and it took place on the 29th day in the year 1828, also on the 30th day in the year 1827.

The difference between these numbers is 33°·9, and it represents the extreme difference between the Mean Temperature of two days in the month of April in 44 years.

The day of the month whose Mean Temperature has been subjected to the greatest difference was the 27th; in the year 1861 its Mean Temperature was 32°·4; and in the year 1866 it was 64°·1; the difference between these numbers is 31°·7.

The day of the month whose Mean Temperature has been subjected to the least difference was the 18th; in the year 1859 its Mean Temperature was 38°·4; and in the year 1867 it was 56°·8; the difference between these numbers is 18°·4.

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TABLE V. *Mean Temperature of every day in* ...*ti month of May, as ded*... *om the observations take*... *on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869; *and extrem*... *Mean Temperature for every day within the same period.*

MAY.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838
1	43·2	63·4	55·8	52·1	54·7	54·1	46·5	51·5	51·9	45·7	46·0	54·0	55·7
2	49·5	58·0	54·2	54·0	56·4	53·4	53·9	55·1	56·6	47·8	48·4	54·3	60·0
3	43·6	60·7	54·7	53·1	54·6	55·8	52·7	58·6	56·7	48·9	48·4	54·5	58·8
4	43·9	58·4	54·3	52·1	53·9	53·9	44·3	65·0	68·0	49·6	48·7	48·7	58·3
5	45·2	54·5	52·2	55·1	61·2	46·9	54·8	60·9	60·0	54·7	48·2	46·9	55·1
6	42·8	52·5	53·1	53·2	66·4	40·1	59·0	58·1	62·7	53·2	49·8	46·8	49·9
7	44·9	48·6	54·2	51·0	63·4	43·9	62·1	55·9	61·6	51·1	52·0	50·2	58·1
8	48·6	43·4	52·3	53·8	58·3	43·7	56·0	58·2	63·6	57·6	50·4	47·1	60·4
9	51·3	46·0	53·5	54·4	51·2	48·8	43·6	65·0	62·7	59·4	49·5	41·0	59·9
10	53·8	49·6	55·3	57·5	49·3	47·1	42·8	59·6	58·8	55·4	48·9	41·5	45·6
11	52·2	51·0	58·2	56·7	47·6	49·0	48·3	61·1	63·1	57·0	54·9	47·3	47·0
12	50·1	49·2	58·2	54·8	51·7	52·5	44·3	66·1	59·2	55·6	55·9	45·7	51·9
13	47·5	50·6	57·4	55·4	47·6	54·0	44·7	60·1	56·6	54·5	57·4	47·7	46·0
14	48·6	51·8	58·1	58·4	53·6	48·5	47·4	63·3	58·6	48·6	56·8	50·2	45·5
15	50·2	55·9	61·1	60·6	55·6	51·1	46·3	71·0	61·0	52·9	58·6	49·5	42·2
16	57·8	59·0	62·3	54·3	59·6	56·1	48·1	67·8	58·9	52·9	58·3	48·7	44·5
17	60·5	61·0	61·5	56·1	63·1	59·3	46·8	70·3	49·9	57·0	58·8	58·5	47·5
18	62·7	59·5	57·7	55·6	62·1	60·8	49·5	63·2	51·0	61·9	58·8	46·6	48·0
19	61·0	62·1	58·2	57·6	61·1	59·1	54·6	59·6	53·5	61·2	52·0	43·5	53·5
20	55·9	60·2	55·7	59·8	59·6	62·0	55·8	59·6	55·6	55·2	58·3	44·6	53·3
21	58·0	64·6	57·0	56·7	58·8	60·0	60·2	63·3	58·8	51·6	53·8	42·6	57·3
22	60·8	61·0	52·5	57·2	57·4	58·5	57·6	62·5	57·0	59·5	50·7	42·6	53·4
23	60·9	58·5	58·5	61·3	61·7	63·6	58·6	63·6	59·6	60·6	52·0	45·1	53·1
24	59·5	53·8	60·0	57·6	62·8	63·4	60·8	64·1	60·2	62·1	50·4	46·6	53·0
25	55·3	53·6	57·7	53·1	59·1	62·3	61·4	65·9	52·6	56·3	50·9	52·5	54·2
26	56·8	56·8	61·1	56·4	56·7	60·6	61·1	55·1	52·4	51·8	50·9	52·7	51·2
27	59·9	60·0	58·4	58·4	56·6	56·5	56·3	57·6	55·6	51·6	50·9	54·9	54·0
28	58·4	61·3	60·7	58·9	54·6	59·6	61·0	59·8	51·5	50·5	55·8	58·6	53·5
29	51·9	58·3	59·5	56·0	56·0	53·6	57·8	55·5	59·5	49·5	53·4	59·5	58·5
30	52·3	62·9	63·6	51·0	54·8	56·8	59·8	53·9	58·1	50·2	56·7	54·7	61·3
31	54·5	59·2	59·3	56·9	56·1	56·5	53·5	59·6	57·1	54·0	59·0	58·5	61·5
Means	53·0	56·3	57·3	55·8	57·0	54·6	53·2	61·0	57·8	54·1	53·1	49·5	53·3

Day of the Month	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851
1	57·9	55·9	58·2	58·2	56·2	54·6	56·1	53·6	50·0	48·2	49·8	42·0	46·9
2	61·3	57·3	60·3	53·5	55·5	56·9	51·2	58·2	47·0	49·0	55·4	41·0	46·3
3	56·4	58·4	46·3	56·9	53·4	54·6	48·9	60·4	45·5	53·2	59·2	50·1	42·6
4	60·2	56·3	58·5	53·5	55·5	52·7	49·0	57·6	47·8	56·2	62·9	47·5	41·0
5	61·6	58·0	56·2	54·7	54·2	57·1	46·5	56·4	48·3	57·9	59·4	49·0	45·3
6	56·4	58·0	54·6	52·9	42·2	57·2	45·4	54·4	50·5	59·3	52·6	42·6	44·9
7	54·7	59·3	56·7	53·2	46·2	58·2	43·9	55·2	57·0	60·5	46·3	45·4	49·1
8	58·5	60·5	53·7	52·3	44·8	57·2	42·8	55·8	54·1	57·7	46·7	44·5	52·1
9	47·5	59·8	56·3	46·5	47·4	62·3	47·3	60·6	55·6	59·3	46·8	44·3	53·8
10	47·1	60·8	57·8	49·3	49·6	54·1	47·1	55·0	61·9	57·9	46·1	51·0	56·9
11	47·1	53·2	62·0	55·2	48·9	56·6	49·3	53·3	54·3	63·5	44·2	54·5	54·2
12	47·1	54·8	57·3	46·7	56·8	57·2	50·7	58·2	55·8	62·2	51·5	50·9	54·3
13	49·7	57·3	55·8	54·3	53·9	60·4	51·8	58·1	56·2	62·1	53·0	49·5	50·3
14	40·4	58·2	52·6	55·8	59·8	57·5	50·4	50·6	55·8	65·4	56·8	49·6	47·5
15	41·2	54·2	58·1	56·4	56·2	50·8	55·8	50·8	58·0	65·7	56·1	41·8	48·6
16	44·0	56·3	60·1	57·1	55·2	54·1	54·4	53·6	57·8	65·3	58·5	47·4	53·3
17	48·5	53·8	56·4	54·4	52·9	47·6	46·8	49·6	57·6	63·4	55·9	54·3	54·0
18	56·8	54·3	56·6	54·2	46·5	43·8	48·8	53·2	58·1	57·5	55·5	54·5	52·4
19	59·8	49·8	52·4	53·0	51·9	51·1	48·5	56·3	57·2	54·4	56·9	57·7	50·5
20	63·8	50·3	52·2	54·9	54·3	51·1	49·8	52·0	55·6	52·6	53·3	56·8	52·8
21	58·2	47·1	59·4	58·3	54·5	52·9	48·3	56·3	57·8	60·0	59·0	59·5	55·9
22	46·8	49·7	59·6	54·7	53·6	55·8	50·5	57·9	63·3	61·6	55·0	56·2	60·6
23	53·2	58·9	60·9	54·1	57·5	54·1	50·2	58·6	70·9	56·1	55·7	58·0	54·4
24	48·2	61·3	64·5	52·8	56·2	54·3	53·5	61·4	58·8	59·7	62·0	58·6	58·4
25	46·0	55·5	64·0	55·1	56·7	51·2	49·8	63·3	55·6	62·1	60·8	56·5	59·4
26	53·3	52·3	68·7	56·0	54·6	48·4	45·8	57·5	57·1	65·3	60·4	56·5	52·8
27	55·4	55·8	71·0	59·6	55·5	48·3	56·8	58·4	67·5	54·0	63·1	56·9	52·8
28	53·1	62·1	66·1	56·3	54·3	52·6	58·4	56·0	74·4	58·4	55·3	54·7	58·9
29	57·9	61·0	63·4	63·1	46·4	49·1	51·1	57·8	62·8	65·5	60·6	59·6	58·7
30	60·3	60·9	62·3	60·4	54·8	51·8	51·9	61·5	60·5	57·5	65·1	59·2	62·3
31	57·6	63·3	63·2	61·4	60·7	50·5	56·5	65·7	64·7	57·3	63·3	60·0	56·7
Means	53·2	56·6	58·9	55·0	53·1	53·7	50·2	56·7	57·3	59·0	55·7	51·9	52·5

Day of the Month	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	46·1	53·6	50·0	43·2	39·1	47·6	45·5	46·4	53·5	51·6	62·9	42·9	56·7	51·8	37·4	52·5	58·2	43·9
2	42·4	54·8	51·0	47·3	40·9	47·1	47·5	46·6	54·2	52·8	54·4	48·7	57·8	54·3	41·3	53·6	57·4	48·9
3	44·1	51·8	51·9	48·8	43·1	44·9	45·6	48·6	51·7	50·8	48·0	55·0	53·7	60·1	42·6	55·1	62·3	51·7
4	45·8	49·2	51·5	40·1	41·8	43·7	47·3	49·0	47·7	42·9	63·3	57·8	48·3	58·4	43·5	57·6	53·3	42·2
5	47·7	51·1	48·2	44·1	43·9	44·5	48·3	48·7	47·0	45·6	65·1	56·5	51·4	62·0	49·6	59·3	48·9	48·9
6	48·3	44·6	51·0	52·1	46·0	45·0	50·3	48·8	45·2	44·1	63·1	54·7	55·9	56·0	53·5	65·7	47·2	55·2
7	54·8	37·9	53·0	51·3	41·1	44·9	44·6	57·2	52·1	44·0	57·3	54·0	55·4	51·3	53·5	64·8	51·0	55·8
8	59·2	41·4	48·6	43·5	44·3	47·4	47·5	54·4	55·3	38·4	54·7	49·1	53·8	57·0	55·3	67·0	55·8	50·8
9	58·6	43·5	48·2	48·3	46·7	51·0	51·1	51·7	51·7	41·4	52·6	52·6	45·4	56·6	54·9	62·6	58·1	52·9
10	54·7	44·6	49·5	53·3	54·0	51·8	52·5	47·4	56·7	45·3	54·3	47·3	51·3	47·3	56·0	64·6	58·0	57·3
11	52·1	45·3	49·2	47·4	55·5	55·0	51·2	50·1	57·3	45·9	50·8	54·2	49·3	48·2	52·0	59·7	57·3	52·8
12	53·5	49·5	52·0	40·8	53·6	58·8	47·7	52·3	58·7	49·8	52·6	52·8	48·8	50·6	47·6	54·2	58·4	51·3
13	56·0	47·8	54·2	43·7	53·2	60·8	52·2	51·1	55·6	42·0	51·1	53·1	56·8	52·8	40·8	47·5	56·9	51·6
14	54·2	51·2	57·3	45·6	49·5	57·5	54·6	51·5	53·7	54·4	50·1	54·4	60·2	49·1	47·0	46·6	59·2	51·2
15	54·4	53·9	55·6	45·7	50·6	63·4	55·0	53·7	57·6	58·4	50·3	55·2	61·3	49·4	45·9	45·4	62·0	53·1
16	60·8	58·8	49·7	44·4	52·2	64·4	55·8	54·4	53·5	62·7	58·1	55·5	62·9	52·1	48·4	46·6	61·0	50·3
17	56·5	56·0	52·0	47·5	50·8	59·2	55·3	51·1	53·1	48·1	59·3	51·8	63·3	54·2	50·9	49·3	58·1	52·8
18	59·1	56·0	49·2	51·8	50·4	61·3	54·9	53·5	53·6	46·1	60·8	53·1	65·2	52·6	55·8	53·6	61·6	55·2
19	59·5	58·3	49·2	57·4	54·4	61·6	51·9	57·3	54·6	48·8	60·7	46·6	66·4	56·2	57·1	57·8	71·9	48·0
20	57·8	52·8	57·1	56·9	55·1	60·7	56·8	52·8	58·3	60·2	58·7	49·2	64·6	61·7	56·8	58·7	59·5	48·6
21	53·9	51·9	56·0	49·4	61·2	56·8	61·9	53·2	59·6	64·9	52·4	49·1	54·5	69·1	53·1	48·9	58·1	51·1
22	54·5	54·1	54·3	48·7	54·5	55·2	56·1	51·5	59·8	61·8	55·1	48·1	59·8	61·6	52·9	41·1	58·4	51·1
23	51·8	56·0	51·0	51·0	55·0	57·0	54·0	54·5	61·4	65·6	56·3	48·8	51·2	62·6	51·3	39·8	55·8	54·5
24	56·2	60·7	52·0	60·2	54·6	55·9	54·1	56·9	60·2	55·3	58·8	49·3	48·9	57·7	46·8	44·2	54·8	57·9
25	55·3	61·6	51·4	62·7	54·9	61·0	49·4	60·9	59·6	56·0	54·3	48·5	54·8	56·3	52·1	46·8	58·4	60·1
26	50·6	62·7	53·3	70·6	59·1	57·8	51·0	59·7	54·1	56·3	59·6	49·9	46·3	62·9	57·4	55·4	58·6	58·3
27	50·7	63·1	49·3	63·3	58·8	59·7	56·4	60·0	53·0	60·2	58·3	57·3	50·8	63·6	54·8	57·3	59·5	52·5
28	52·0	55·0	51·0	51·4	55·3	62·7	54·3	57·5	48·4	52·7	55·9	60·5	54·9	59·3	56·2	60·4	63·4	43·3
29	46·9	53·2	50·8	47·0	52·3	57·1	61·4	62·0	51·1	58·7	63·5	63·6	49·3	62·0	54·8	57·3	65·7	44·4
30	48·5	56·3	51·2	43·4	50·1	53·3	63·8	64·1	53·0	65·0	60·5	64·5	48·8	59·8	55·9	61·8	65·1	51·4
31	48·3	52·0	56·6	44·7	46·5	56·0	69·1	62·4	51·1	61·7	59·4	56·8	52·9	60·2	59·2	61·2	59·6	48·5
Means	52·7	52·5	51·8	49·9	50·6	54·9	53·1	53·8	54·3	52·6	56·8	52·9	54·9	56·7	51·1	54·7	58·5	51·5

Day of the Month	Means of 44 Years	Lowest and Highest Mean Daily Temperature in 44 Years: Lowest	Year	Highest	Year	Difference between the Coldest and Hottest Day
1	51·0	37·4	1866	63·4	1827	26·0
2	52·2	40·9	1856	61·3	1839	20·4
3	52·2	42·6	1851, 1866	62·3	1868	19·7
4	51·8	40·1	1855	68·0	1834	27·9
5	52·5	43·9	1856	65·1	1862	21·2
6	52·9	40·1	1831	66·4	1830	26·3
7	52·4	37·9	1853	64·8	1867	26·9
8	52·2	38·4	1861	67·0	1867	28·6
9	52·3	41·0	1837	65·0	1833	24·0
10	52·4	41·5	1837	64·6	1867	23·1
11	52·8	44·2	1849	63·5	1848	19·3
12	53·0	40·8	1855	66·1	1833	25·3
13	52·7	40·8	1866	62·1	1848	21·3
14	53·1	40·4	1839	65·4	1848	25·0
15	54·1	41·2	1839	71·0	1833	29·8
16	55·4	44·0	1839	67·8	1833	23·8
17	54·9	46·8	1832, 1845	70·3	1833	23·5
18	55·1	43·8	1844	65·2	1864	21·4
19	55·8	43·5	1837	71·9	1868	28·4
20	56·0	44·6	1837	64·6	1864	20·0
21	56·3	42·6	1837	69·1	1865	26·5
22	55·3	41·1	1867	63·3	1847	22·2
23	56·3	39·8	1867	70·9	1847	31·1
24	56·6	44·2	1867	64·5	1841	20·3
25	56·3	46·0	1839	65·9	1833	19·9
26	56·3	45·8	1845	70·6	1855	24·8
27	57·2	48·3	1844	71·0	1841	22·7
28	56·8	43·3	1869	74·4	1847	31·1
29	56·5	44·4	1869	65·7	1868	21·3
30	57·3	43·4	1855	65·1	1849, 1868	21·7
31	57·6	44·7	1855	69·1	1858	24·4
Means	54·4					

The Mean Temperature of the coldest day in May in the years 1826 to 1869 was 37°·4, and it took place on the 1st day in the year 1866.
The Mean Temperature of the hottest day in May in the years 1826 to 1869 was 74°·4, and it took place on the 28th day in the year 1847.
The difference between these numbers is 37°·0, and it represents the extreme difference between the Mean Temperature of two days in the month of May in 44 years.

The day of the month whose Mean Temperature has been subjected to the greatest difference was the 23rd; in the year 1867 its Mean Temperature was 39°·8; and in the year 1847 it was 70°·9; the difference between these numbers is 31°·1.*
The day of the month whose Mean Temperature has been subjected to the least difference was the 11th; in the year 1849 its Mean Temperature was 44°·2; and in the year 1848 it was 63°·5, the difference between these numbers is 19°·3.

* Also the 28th in the year 1869: Mean Temperature 43°·3; and in the year 1847 74°·4; the difference between these numbers is 31°·1.

TABLE VI. *Mean Temperature of every day in the month of June, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years 1826–1869; and extremes of Mean Temperature for every day within the same period.*

JUNE.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	56.5	56.7	60.7	55.8	56.1	58.1	52.4	67.5	63.6	51.6	57.6	53.6	60.4	57.4	67.1	62.2	65.1	61.1	56.0	55.7	62.9	61.3
2	52.4	52.5	57.5	64.8	59.7	59.2	58.8	64.3	67.1	61.0	59.0	51.4	57.6	55.7	58.3	63.7	58.3	58.2	51.6	59.7	61.2	60.3
3	55.6	57.5	59.3	68.9	56.8	62.0	61.8	58.5	60.4	61.2	62.6	50.2	59.4	56.7	56.3	61.2	59.8	57.5	55.2	60.7	66.6	64.5
4	60.9	56.0	57.4	65.0	52.3	61.4	58.4	60.9	59.3	58.3	59.2	58.6	55.7	56.1	57.0	58.8	64.7	56.1	59.6	57.7	67.4	62.4
5	58.9	53.4	53.7	56.6	60.6	62.5	57.0	59.8	53.9	55.9	56.1	62.4	59.0	59.5	55.6	59.6	65.3	53.6	65.2	59.7	68.7	57.2
6	64.0	52.2	57.0	49.3	62.8	54.4	56.5	63.1	57.7	63.0	59.7	57.9	51.7	61.0	64.5	53.3	62.8	53.8	60.1	56.7	72.2	51.8
7	60.6	57.2	53.4	52.7	56.4	53.9	55.3	63.6	62.6	68.0	58.1	49.8	51.5	58.0	64.0	50.7	64.1	54.8	61.3	55.2	73.9	58.1
8	59.5	56.9	56.8	51.8	54.5	58.5	59.3	63.0	59.7	69.1	62.1	55.8	50.5	62.7	64.5	51.7	65.0	56.4	62.8	52.7	65.8	50.5
9	63.9	61.4	62.9	53.3	53.0	64.0	59.5	68.9	64.8	69.1	62.8	63.5	57.2	64.0	68.2	48.3	63.1	53.6	63.5	59.2	65.5	54.5
10	63.5	63.5	62.4	57.1	51.7	62.2	62.3	68.8	60.2	70.5	62.2	60.3	58.7	63.4	60.4	55.7	66.3	55.9	59.2	59.2	65.8	51.8
11	64.1	61.4	63.9	59.4	59.3	63.6	62.2	61.3	53.2	70.9	60.6	59.4	57.0	63.6	63.3	50.7	70.9	55.2	62.6	62.2	67.8	54.1
12	66.9	62.9	60.2	60.7	57.1	64.0	65.7	56.0	57.6	68.9	59.4	61.3	57.5	67.9	64.0	48.3	70.5	53.0	65.0	67.7	69.5	61.8
13	69.8	63.0	66.1	67.0	56.4	63.3	63.8	54.5	61.0	60.6	65.1	66.2	57.6	69.3	61.2	50.0	70.8	51.8	68.3	68.7	69.1	59.2
14	68.1	65.9	62.5	65.9	58.0	65.0	62.5	53.9	64.5	63.3	67.6	62.4	58.8	58.7	63.0	60.6	70.7	60.8	61.6	65.7	67.8	57.4
15	69.1	63.0	64.8	63.6	52.8	63.9	58.5	59.5	63.8	66.6	72.5	66.2	60.1	59.5	66.3	56.5	64.4	60.1	59.1	70.2	71.4	53.3
16	61.2	61.9	64.2	56.7	54.3	62.9	63.8	60.1	59.5	69.0	64.2	66.6	62.3	62.1	67.0	56.5	62.3	59.6	58.8	60.7	70.5	54.2
17	60.4	66.2	62.8	57.3	51.3	63.5	65.8	62.0	56.7	68.0	64.0	65.5	66.2	65.1	61.3	56.8	61.6	62.0	63.1	67.7	71.0	59.9
18	66.2	63.4	63.5	55.9	57.5	62.8	64.0	62.6	63.2	60.4	63.1	61.3	65.5	62.6	59.3	66.4	59.3	59.2	61.3	55.2	71.4	54.5
19	63.2	61.2	63.5	60.4	53.6	63.8	65.1	61.1	64.2	60.8	61.7	61.9	61.1	65.8	55.8	57.4	59.6	56.4	54.7	61.2	71.4	58.9
20	61.4	59.2	65.7	65.3	57.9	63.0	62.9	63.0	71.7	61.5	59.7	65.1	60.0	69.5	59.6	59.2	61.8	51.3	60.8	60.7	74.1	58.5
21	62.2	56.6	61.2	63.6	57.3	67.0	63.0	63.9	75.3	64.4	63.7	62.8	60.8	65.2	65.2	59.2	62.1	61.4	65.5	63.7	66.4	57.8
22	59.9	58.1	63.4	59.9	52.0	65.2	59.5	60.9	62.9	64.4	61.3	65.8	58.6	59.5	60.5	59.5	61.2	60.3	65.8	58.7	74.7	56.4
23	62.7	...	62.5	64.5	58.7	66.2	62.1	55.4	60.8	55.6	62.6	64.8	60.7	59.3	58.5	58.3	63.4	60.3	76.1	60.2	59.9	57.3
24	62.7	63.4	64.3	63.0	62.2	60.7	58.9	53.5	63.7	53.1	60.3	64.6	62.9	62.1	53.7	61.3	62.4	57.7	72.8	61.2	59.9	59.2
25	65.3	61.8	66.7	65.9	59.0	57.3	57.1	58.1	66.2	48.0	60.3	66.2	66.9	63.1	54.9	61.3	60.2	55.1	56.2	59.2	58.3	58.9
26	72.2	65.4	70.5	65.1	65.3	55.7	55.8	59.2	64.4	50.0	62.8	61.9	59.3	63.3	60.4	61.3	60.1	59.6	58.3	59.7	59.9	60.6
27	75.5	62.8	70.3	...	68.9	61.0	63.2	57.4	55.5	51.3	64.9	55.9	58.4	59.9	64.6	59.0	58.9	64.3	57.0	56.7	60.3	62.6
28	72.8	59.8	69.1	61.3	65.3	57.5	66.8	67.5	61.9	55.4	69.4	57.7	62.6	56.4	62.8	55.8	65.4	53.6	60.5	54.2	64.8	65.8
29	69.3	62.2	65.7	54.9	61.1	57.0	66.6	63.6	61.2	55.9	63.3	62.4	59.5	51.4	63.0	58.6	67.0	56.5	66.4	59.7	62.9	64.5
30	71.2	63.2	70.0	61.5	62.9	60.8	61.3	61.2	60.0	60.3	70.7	63.1	61.2	50.1	60.4	58.7	61.1	57.8	63.6	59.7	62.4	61.6
Means	64.0	60.3	62.7	60.3	57.8	61.4	61.0	61.1	61.9	61.2	62.6	60.8	59.3	61.0	61.4	57.4	63.6	57.2	61.7	60.3	66.8	58.3

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years	Lowest and Highest Mean Daily Temperature in 44 Years: Lowest	Year	Highest	Year	Difference between the Coldest and Hottest Day
1	53.8	60.7	58.3	58.6	56.0	52.4	58.4	47.2	49.0	...	69.5	62.8	55.2	57.3	58.7	59.1	50.1	58.8	59.0	62.4	62.7	53.7	58.2	47.2	1855	69.5	1858	22.3
2	54.0	62.8	59.6	58.5	57.3	53.0	51.2	49.2	57.3	...	71.0	64.0	53.7	57.9	64.0	62.6	55.5	56.2	61.7	68.3	64.5	59.8	58.9	49.2	1855	71.0	1858	21.8
3	53.5	63.3	58.6	59.7	56.2	53.4	51.8	57.5	59.8	...	70.0	63.7	53.0	56.0	59.3	64.7	51.6	59.3	64.7	57.8	61.5	59.3	59.2	50.2	1837	70.0	1858	19.8
4	56.8	69.8	61.1	51.1	55.6	52.8	50.9	58.6	61.7	...	64.0	65.5	52.8	55.0	58.4	61.6	53.8	59.9	60.7	57.9	56.7	53.5	58.4	50.9	1854	69.8	1849	18.9
5	57.9	70.8	65.0	52.8	60.4	55.4	52.8	62.4	54.5	68.2	60.8	65.2	52.2	54.8	57.8	57.6	60.1	64.0	57.9	57.2	57.8	60.9	59.1	52.2	1860	70.8	1849	18.6
6	58.6	60.0	57.0	59.7	62.1	58.7	52.8	71.0	56.2	72.1	61.2	64.7	54.0	52.9	61.1	57.6	58.7	69.1	58.3	58.9	64.2	66.5	59.6	49.3	1829	72.2	1846	22.9
7	58.9	61.1	59.1	59.9	57.4	60.3	51.0	58.3	59.5	64.2	60.8	64.6	49.3	53.6	60.1	56.1	63.4	60.2	63.1	59.5	60.1	71.3	59.0	49.3	1860	73.9	1846	24.6
8	55.2	56.7	57.6	62.9	62.6	66.2	56.1	60.2	62.2	57.9	66.5	64.4	54.4	52.0	57.8	56.5	64.4	62.4	65.5	58.6	57.2	59.7	59.2	50.5	1838, 1847	69.1	1835	18.6
9	58.5	54.2	58.6	56.8	57.1	61.3	56.3	55.0	62.5	56.5	69.1	62.3	50.5	52.7	56.2	57.0	54.2	65.8	65.2	59.1	60.4	58.4	59.8	48.3	1841	69.1	1835, 1858	20.8
10	57.7	49.8	65.4	50.8	50.3	66.2	58.3	58.2	61.7	55.5	68.6	61.3	52.8	56.0	57.5	58.2	59.4	63.8	69.7	65.2	57.4	54.4	60.0	50.3	1852	70.5	1835	20.2
11	59.5	52.0	65.6	56.5	52.1	66.9	58.8	59.2	59.7	54.1	63.9	61.2	56.3	58.5	59.1	56.3	53.7	54.2	61.8	68.2	63.0	54.2	60.0	50.7	1841	70.9	1835, 1842	20.2
12	59.8	50.4	59.5	56.0	51.8	59.2	56.8	61.0	58.8	52.1	65.4	62.5	53.2	59.3	55.5	55.2	58.7	53.0	58.3	70.4	62.9	56.9	60.1	48.3	1841	70.5	1842	22.2
13	53.5	55.1	58.8	61.6	55.4	52.1	54.2	60.8	59.0	51.6	68.6	64.6	53.5	66.6	56.6	55.0	55.2	61.7	56.5	60.2	66.0	59.9	60.7	50.0	1841	70.8	1842	20.8
14	60.8	56.5	52.8	58.4	55.9	58.6	58.6	56.2	52.2	56.1	73.1	58.1	53.1	68.9	51.6	56.7	59.0	61.3	60.3	57.5	65.7	50.8	60.6	50.8	1869	73.1	1858	22.3
15	67.5	60.7	45.8	56.3	56.6	62.4	55.3	55.8	57.7	56.7	75.9	61.3	54.7	66.7	56.5	60.7	57.8	61.2	58.5	54.3	65.3	52.8	61.0	45.8	1850	75.9	1858	30.1
16	67.3	58.8	53.1	59.1	58.0	63.9	56.0	54.3	59.0	60.6	77.4	60.5	57.7	64.8	55.4	59.5	60.4	59.6	59.1	53.4	65.1	49.4	60.7	49.4	1869	77.4	1858	28.0
17	64.2	57.8	54.1	55.0	58.6	63.1	56.6	49.1	58.0	59.9	65.3	59.3	52.3	61.1	59.1	61.2	61.7	55.7	52.1	55.1	68.1	49.6	60.4	49.1	1855	71.0	1846	21.9
18	60.0	59.6	59.5	55.3	58.0	61.8	58.8	54.0	60.2	59.5	59.1	64.5	54.7	66.4	51.2	62.2	60.7	53.1	54.8	63.0	64.2	51.5	60.2	51.2	1862	71.4	1846	20.2
19	56.0	54.7	63.2	64.6	56.7	55.7	58.2	50.0	54.7	66.4	65.2	64.8	56.8	69.5	56.2	59.2	60.4	54.3	57.1	61.6	64.2	52.0	60.1	50.0	1855	71.4	1846	21.4
20	55.6	61.3	66.3	64.9	62.6	56.2	56.9	46.8	54.5	68.9	67.1	58.3	58.8	65.9	56.3	62.6	62.7	59.9	61.6	56.1	69.7	51.2	61.3	46.8	1855	74.1	1846	27.3
21	65.0	61.3	65.7	71.1	58.2	52.9	58.5	54.1	56.8	66.6	65.1	58.4	59.6	67.6	55.3	64.1	59.8	62.2	67.8	56.6	69.1	51.4	62.2	51.4	1869	75.3	1834	23 9
22	66.4	61.5	65.9	57.8	59.7	56.8	64.4	60.8	59.0	63.7	67.1	64.5	59.3	63.6	58.7	62.3	60.9	62.1	61.3	57.9	61.5	55.8	61.4	52.0	1830	74.7	1846	22.7
23	64.8	67.6	70.2	56.6	60.0	59.6	65.5	59.6	58.5	66.6	69.4	60.5	60.4	63.7	58.5	65.2	55.6	69.2	64.8	60.1	60.7	54.7	61.9	54.7	1869	76.1	1844	21.4
24	59.7	65.5	69.4	60.2	59.8	67.6	65.3	58.4	60.9	68.3	62.4	60.5	62.8	63.5	54.7	64.7	57.8	60.7	61.2	58.8	63.6	57.8	61.5	53.1	1835	72.8	1844	19.7
25	58.5	65.5	67.8	64.1	64.9	60.8	71.6	60.7	67.5	66.6	60.6	66.1	57.3	56.9	55.9	61.0	63.0	61.7	64.3	60.3	66.1	58.2	61.5	48.0	1835	71.6	1854	23.6
26	62.0	63.8	68.6	67.3	60.8	59.7	60.6	65.3	71.3	66.9	66.8	68.3	58.7	57.5	59.7	61.8	58.1	53.7	65.2	57.6	64.3	60.3	62.0	50.0	1835	72.2	1826	22.2
27	61.9	64.4	59.2	73.0	60.2	62.8	57.8	68.3	72.6	70.4	57.6	68.5	56.9	61.4	56.6	58.7	54.7	63.8	70.8	63.2	70.1	62.6	62.4	51.3	1835	75.5	1826	24.2
28	59.1	61.6	64.3	69.1	62.2	61.7	56.3	66.4	64.3	73.8	59.1	63.3	57.2	65.0	59.4	57.7	61.0	62.2	71.3	56.3	68.1	56.5	62.3	53.6	1843	73.8	1857	20.2
29	60.3	63.1	58.9	67.6	60.9	60.8	56.9	66.3	60.1	64.0	60.2	60.8	55.0	60.6	60.0	60.8	64.4	59.0	66.5	62.4	63.5	56.0	61.4	51.4	1839	69.3	1826	17.9
30	54.4	58.8	62.0	67.6	59.7	58.3	60.0	64.4	64.3	62.0	63.3	61.5	52.5	57.3	54.7	59.5	54.2	56.2	68.5	65.2	64.5	59.0	61.2	50.1	1839	71.2	1826	21.1
Means	59 4	60.3	61.0	60.4	58.2	59.4	57.6	58.3	59.8	62.7	65.8	62.9	55.3	60.4	57.4	59.9	58.4	60.1	62.3	60.1	63.6	56.6	60.5					

The Mean Temperature of the coldest day in June in the years 1826 to 1869 was 45°.8, and it took place on the 15th day in the year 1850.
The Mean Temperature of the hottest day in June in the years 1826 to 1869 was 77°.4, and it took place on the 16th day in the year 1858.
The difference between these numbers is 31°.6, and it represents the extreme difference between the Mean Temperature of two days in the month of June in 44 years.

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The day of the Month whose Mean Temperature has been subjected to the greatest difference was the 15th; in the year 1850 its Mean Temperature was 45°.8; and in the year 1858, it was 75°.9; the difference between these numbers is 30°.1.
The day of the Month whose Mean Temperature has been subjected to the least difference was the 29th; in the year 1839 its Mean Temperature was 51°.4; and in the year 1826 it was 69°.3; the difference between these numbers is 17°.9.

TABLE VII. *Mean Temperature of every day in the month of July, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869; *and extremes of Mean Temperature for every day within the same period.*

JULY.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840
1	69°·8	63°·6	65°·2	58°·6	64°·8	61°·1	66°·5	52°·4	62°·8	64°·2	73°·9	54°·0	64[illegible]	55°·7	62°·1
2	69·4	60·9	68·3	59·7	61·3	64·0	65·8	54·6	62·4	68·0	69·6	60·6	64[illegible]	60·5	61·4
3	72·9	63·3	73·5	58·3	60·0	63·3	61·9	56·3	63·6	65·3	68·5	64·8	60[illegible]	61·3	59·1
4	74·8	65·0	70·5	55·3	62·2	65·6	65·4	61·3	67·4	64·6	73·6	64·6	63[illegible]	66·4	62·8
5	71·8	62·9	67·4	59·2	62·3	67·0	65·8	63·0	68·5	63·3	78·3	68·2	65[illegible]	63·9	59·5
6	72·9	65·6	65·0	63·2	62·6	67·4	64·6	67·7	67·1	60·6	64·6	64·8	63[illegible]	65·1	58·5
7	71·0	69·0	67·4	58·0	60·1	64·7	63·8	63·9	68·6	62·4	64·8	63·1	61[illegible]	67·7	59·5
8	69·5	70·4	71·9	62·1	56·8	64·7	65·6	60·6	66·8	60·3	63·1	66·6	62[illegible]	62·6	60·6
9	69·8	70·1	62·5	57·4	57·8	72·1	65·6	58·1	61·8	62·9	67·8	57·9	65[illegible]	59·6	57·8
10	68·7	66·7	64·5	61·4	58·8	62·3	65·0	62·9	63·5	60·1	72·5	62·4	68[illegible]	63·1	57·3
11	66·9	67·7	64·5	60·9	56·8	67·6	65·1	61·6	64·9	60·3	73·9	63·3	68[illegible]	67·6	56·8
12	66·6	66·0	59·4	61·0	56·8	65·2	68·9	56·0	69·6	64·4	64·8	60·4	67[illegible]	63·6	54·5
13	64·7	67·8	58·5	64·3	60·8	60·3	68·3	55·5	66·3	61·2	65·3	62·2	71[illegible]	64·6	52·9
14	65·6	65·9	59·5	63·1	69·4	61·1	65·3	63·3	65·6	59·2	63·1	66·7	64[illegible]	63·9	60·3
15	64·8	65·1	60·3	66·4	63·1	63·8	62·7	61·4	68·1	66·0	59·0	63·1	60[illegible]	61·2	63·6
16	60·6	66·3	64·5	61·3	62·0	62·6	65·8	64·6	70·2	63·9	62·2	62·2	60[illegible]	61·6	63·7
17	64·8	68·2	65·8	59·6	61·7	65·2	69·1	68·1	77·0	66·0	62·1	63·7	64[illegible]	68·8	64·0
18	66·9	66·1	63·1	60·8	63·9	63·2	57·6	69·2	64·8	67·6	60·4	64·4	62[illegible]	66·6	63·0
19	66·5	63·3	61·6	61·9	62·1	64·3	54·9	64·8	58·8	64·8	59·9	64·0	63[illegible]	63·5	62·4
20	63·2	62·6	60·0	65·2	60·8	63·5	56·7	60·0	62·6	70·9	50·2	61·3	61[illegible]	64·1	59·3
21	60·8	61·8	60·5	62·5	66·3	62·4	56·6	58·7	60·6	70·3	56·5	61·2	58[illegible]	61·7	60·5
22	63·7	62·3	62·7	65·3	67·3	59·1	57·5	58·0	61·7	68·0	58·5	63·9	53·[illegible]	63·1	58·5
23	56·3	69·0	64·5	64·6	68·6	60·5	59·6	63·6	67·1	65·8	57·2	70·0	59·[illegible]	63·8	57·1
24	61·7	69·6	64·3	67·4	66·1	62·8	61·1	60·6	66·3	68·0	59·7	66·5	57·[illegible]	65·0	61·8
25	64·3	66·9	63·2	64·9	72·3	61·2	62·0	65·7	64·4	67·5	59·2	68·7	55·[illegible]	61·2	61·0
26	63·3	64·3	60·6	54·8	75·0	66·2	63·0	66·1	64·2	66·6	66·6	68·7	59·[illegible]	59·7	59·3
27	62·0	68·0	59·0	57·4	73·9	69·7	58·8	70·7	59·2	68·2	63·7	73·0	59·[illegible]	57·3	59·2
28	63·1	71·4	60·6	61·7	72·1	72·0	59·2	71·0	66·6	70·7	70·9	68·0	61·[illegible]	58·3	65·3
29	65·4	75·3	56·7	57·8	73·7	69·9	59·5	65·2	72·2	66·7	63·1	63·7	59·[illegible]	59·4	64·4
30	70·4	70·2	55·3	60·9	77·9	69·4	61·2	61·6	67·0	68·2	56·7	58·1	57·3	57·7	63·6
31	73·5	67·1	61·5	55·9	70·0	69·2	56·1	61·4	65·7	62·8	60·4	63·1	59·7	57·8	61·5
Means	66·6	66·5	63·3	61·0	64·8	64·9	62·5	62·2	65·7	65·1	64·2	64·0	62·2	62·5	60·4

Day of the Month	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
1	61°·5	58°·6	60°·9	64°·1	60°·9	63°·5	61°·9	53°·3	65°·8	60°·4	68°·3	61°·2	57°·2	55°·9	66°·6
2	63·8	57·6	64·2	60·0	59·3	66·5	56·9	57·5	62·5	61·5	67·4	60·8	58·1	61·7	67·3
3	66·1	63·7	66·9	59·7	69·1	64·4	61·8	60·0	64·2	61·7	59·0	64·5	60·5	63·8	66·9
4	64·1	66·2	65·1	60·7	62·8	73·4	62·2	61·0	58·3	56·1	57·1	74·2	62·9	58·1	64·3
5	66·1	58·4	73·6	59·7	64·8	74·1	68·3	65·4	61·6	56·6	60·4	79·2	65·0	57·1	62·1
6	61·6	56·2	61·7	59·0	69·8	61·8	71·6	72·7	64·0	62·0	62·6	77·3	67·0	55·4	61·5
7	60·3	56·2	61·1	60·4	70·6	60·6	64·9	64·1	69·4	54·9	64·1	72·5	71·5	57·9	61·6
8	60·0	57·1	58·8	62·8	64·6	61·5	62·5	59·6	69·0	55·0	61·1	69·8	68·7	58·2	65·2
9	58·2	59·9	60·3	61·0	61·3	62·6	65·7	57·3	66·7	56·4	60·2	72·2	67·1	60·1	67·1
10	61·4	60·6	61·8	66·6	61·5	60·6	69·1	60·1	65·0	57·4	56·4	69·5	58·3	59·7	69·4
11	55·3	65·8	57·3	66·3	58·6	61·9	69·6	61·0	64·8	61·4	61·0	69·9	60·4	57·8	60·8
12	56·3	61·0	65·4	60·8	56·5	63·8	72·1	64·7	65·5	61·4	66·4	67·6	63·7	53·2	65·8
13	59·1	61·6	61·1	62·2	59·5	71·1	75·0	67·4	64·9	63·1	62·2	69·9	63·3	59·5	67·5
14	58·0	61·1	62·3	63·1	59·8	69·9	76·1	70·5	65·5	63·4	61·5	69·6	55·2	59·7	64·9
15	58·1	60·4	66·5	61·1	56·3	65·4	72·3	58·6	62·7	73·1	60·2	72·8	56·5	60·3	64·8
16	57·4	63·6	68·4	57·7	61·0	63·2	69·6	63·6	65·8	72·9	57·1	71·2	57·6	65·0	59·6
17	61·1	63·1	70·0	61·6	62·9	61·8	62·6	63·5	61·9	68·8	60·4	66·8	58·6	61·8	58·3
18	59·1	67·9	63·9	58·9	63·4	60·8	59·8	64·5	61·6	65·9	58·3	64·4	58·7	62·4	61·6
19	63·8	62·4	56·6	58·4	61·9	62·7	61·0	64·5	57·5	62·2	60·0	67·6	59·8	61·5	55·3
20	57·4	60·8	59·3	58·9	61·5	64·1	66·8	60·9	57·9	63·1	62·6	64·3	61·3	65·4	57·9
21	59·1	55·7	60·8	65·0	64·5	64·3	66·9	60·7	57·4	63·6	62·2	64·7	62·3	65·1	62·0
22	58·0	55·3	59·1	68·6	63·1	65·7	61·4	64·8	62·4	70·6	65·5	66·0	60·2	68·8	64·7
23	58·6	56·2	52·2	73·3	55·1	68·3	60·6	65·0	58·8	71·6	62·5	65·3	62·6	72·6	69·8
24	57·1	65·1	54·3	70·6	58·5	59·9	64·1	61·1	57·3	62·0	56·7	68·3	59·8	72·6	62·1
25	60·3	60·2	59·9	74·7	60·3	60·8	57·9	58·9	58·5	58·1	60·4	65·8	62·0	74·5	59·7
26	62·0	60·8	64·1	63·8	60·3	65·1	61·4	60·5	59·5	61·5	59·9	67·0	60·7	67·1	57·0
27	62·0	62·9	62·6	64·7	58·5	67·4	64·4	60·6	60·8	57·4	63·6	66·2	64·9	60·1	62·3
28	59·7	64·1	63·0	71·0	56·9	69·9	66·4	63·4	63·2	58·6	63·1	67·5	62·5	59·4	61·2
29	56·6	54·7	61·7	63·8	54·6	73·3	69·8	64·3	59·8	61·6	62·5	65·6	62·5	60·5	63·3
30	55·8	57·0	60·1	59·6	56·3	75·4	64·9	63·6	61·3	63·4	64·4	62·6	58·3	64·2	64·4
31	53·7	56·3	58·6	60·5	58·8	76·4	65·4	62·2	59·3	68·1	65·3	67·6	63·0	66·5	59·9
Means	59·7	60·3	62·0	63·2	61·1	65·8	65·6	62·4	62·4	62·4	61·7	68·1	61·6	62·1	63·1

Day of the Month	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years	Lowest and Highest Mean Daily Temperature in 44 Years: Lowest	Year	Highest	Year	Difference between the Coldest and Hottest Day
1	56°·8	60°·7	57°·5	61°·4	61°·0	64°·1	57°·1	61°·6	53°·1	59°·1	59°·1	66°·6	59°·8	58°·3	61°·3	52°·4	1833	73°·9	1836	21°·5
2	56·6	59·1	57·7	64·4	62·0	63·4	54·6	63·8	60·1	64·4	56·5	63·0	65·5	59·0	62·0	54·6	1833 / 1862	69·6	1836	15·0
3	57·0	62·3	55·1	66·5	62·1	61·9	54·4	65·4	56·0	62·8	56·1	63·3	65·8	58·6	62·6	54·4	1862	73·5	1828	19·1
4	62·6	61·8	60·8	65·8	61·4	57·5	58·1	60·6	57·9	70·3	58·1	62·5	60·8	64·5	63·5	55·3	1829	74·8	1826	19·5
5	61·0	62·3	58·1	64·9	57·8	59·1	61·1	63·6	54·1	67·6	57·9	62·6	59·4	65·9	64·0	54·1	1864	79·2	1852	25·1
6	63·2	57·1	56·2	67·7	59·1	61·7	60·6	63·6	60·6	71·3	57·6	60·7	67·1	65·3	63·9	55·4	1854	77·3	1852	21·9
7	56·6	55·3	59·4	68·8	55·8	62·6	58·6	67·8	57·8	64·5	57·6	59·9	65·6	63·6	62·9	54·9	1850	72·5	1852	17·6
8	46·3	55·4	55·8	68·4	57·7	61·4	62·7	64·6	55·6	63·5	61·0	60·9	70·6	67·7	62·5	46·3	1856	71·9	1828	25·6
9	52·5	57·5	57·8	67·3	57·8	62·6	58·1	68·0	57·1	63·6	67·3	62·2	70·6	62·0	62·5	52·5	1856	72·2	1852	19·7
10	60·5	63·6	55·4	69·7	56·1	58·9	57·0	68·7	57·6	57·1	67·4	61·7	67·8	64·4	62·7	55·4	1858	72·5	1836	17·1
11	63·6	64·3	64·5	71·9	58·7	59·4	54·4	67·9	66·6	57·6	68·9	63·2	68·8	65·6	63·5	54·4	1862	73·9	1836	19·5
12	60·6	68·9	68·2	74·3	59·9	67·5	60·3	69·0	57·6	58·9	73·0	64·2	67·6	73·4	63·9	53·2	1854	74·3	1859	21·1
13	62·1	66·9	64·8	73·7	60·8	65·7	62·2	68·7	57·1	58·8	73·3	62·5	67·3	60·3	64·0	52·9	1840	75·0	1847	22·1
14	62·9	70·0	66·7	65·0	61·8	63·9	62·7	66·1	63·0	63·5	69·7	60·8	70·5	64·6	64·3	55·2	1853	76·1	1847	20·9
15	64·6	72·2	73·9	70·5	60·9	63·0	58·8	69·2	63·9	68·3	68·7	59·9	70·9	66·0	64·3	56·3	1845	73·9	1858	17·6
16	57·7	65·4	67·1	70·5	57·9	59·9	57·6	59·9	62·2	69·9	65·3	59·7	73·1	72·1	63·7	57·1	1851	73·1	1868	16·0
17	58·4	64·2	66·4	72·4	61·8	62·8	59·5	58·0	64·1	63·6	63·3	62·3	71·7	75·0	64·4	58·0	1863	77·0	1834	19·0
18	60·2	64·9	63·5	75·1	61·6	61·5	58·1	56·8	61·1	60·0	59·9	59·1	73·6	73·8	63·2	56·8	1863	75·1	1859	18·3
19	65·5	68·2	62·4	71·5	59·1	63·0	59·0	58·0	71·4	60·6	61·7	56·6	71·6	64·5	62·4	54·9	1832	71·6	1868	16·7
20	63·5	67·9	66·2	69·6	60·0	65·3	60·1	58·7	68·5	63·5	58·6	60·6	74·9	58·6	62·3	50·2	1836	74·9	1868	24·7
21	67·0	66·5	60·7	66·9	58·4	62·5	58·6	54·9	65·9	67·0	60·1	63·6	77·9	65·7	62·5	54·9	1863	77·9	1868	23·0
22	69·4	67·1	62·8	68·6	57·1	61·1	59·8	57·2	63·9	66·4	55·1	61·6	75·7	75·6	63·2	53·8	1838	75·7	1868	21·9
23	72·6	69·4	66·3	64·1	53·2	61·9	54·6	57·8	66·8	63·3	58·4	63·1	69·0	67·8	63·4	52·2	1843	73·3	1844	21·1
24	65·6	68·1	64·4	59·1	54·7	61·0	58·6	57·0	66·7	66·9	59·0	61·6	67·2	66·6	62·8	54·3	1843	72·6	1854	18·3
25	62·7	61·3	60·4	62·5	50·1	63·2	60·5	59·7	59·6	66·9	58·7	62·4	68·7	67·6	62·6	50·1	1860	74·7	1844	24·6
26	62·2	63·4	60·4	69·4	55·2	56·9	64·1	55·2	63·0	67·0	63·4	53·3	69·1	65·3	62·6	53·3	1867	75·0	1830	21·7
27	62·0	67·3	64·3	71·4	59·4	57·7	61·0	60·5	64·7	69·5	60·5	52·8	73·0	64·0	63·3	52·8	1867	73·9	1830	21·1
28	64·2	63·3	56·9	70·5	58·2	57·5	57·7	61·7	62·7	58·7	65·0	53·7	72·7	56·0	63·7	53·7	1867	72·7	1868	19·0
29	65·4	62·9	55·7	69·1	58·8	62·8	63·2	62·2	67·2	65·8	61·0	56·4	61·1	63·1	63·2	54·6	1845	75·3	1827	20·7
30	68·9	67·9	58·5	65·1	59·0	60·6	59·2	61·8	66·8	61·5	56·7	58·6	67·4	68·3	62·9	55·3	1828	77·9	1830	22·6
31	71·4	67·7	60·1	65·2	60·0	62·7	60·2	59·2	67·2	59·3	55·7	58·0	66·0	66·5	62·9	53·7	1841	76·4	1846	22·7
Means	62·1	64·3	61·5	68·1	58·6	61·7	59·1	62·2	61·9	63·9	61·8	60·6	68·7	65·5	63·1					

The Mean Temperature of the coldest day in July in the years 1826 to 1869 was 46°·3, and it took place on the 8th day in the year 1856.
The Mean Temperature of the hottest day in July in the years 1826 to 1869 was 79°·2, and it took place on the 5th day in the year 1852.
The difference between these numbers is 32°·9, and it represents the extreme difference between the Mean Temperature of two days in the month of July in 44 years.

The day of the month whose Mean Temperature has been subjected to the greatest difference was the 8th; in the year 1856 its Mean Temperature was 46°·3; and in the year 1828 it was 71°·9; the difference between these numbers is 25°·6.
The day of the month whose Mean Temperature has been subjected to the least difference was the 2nd; in the years 1833 and 1862 its Mean Temperature was 54°·6; and in the year 1836 it was 69°·6; the difference between these numbers is 15°·0.

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TABLE VIII. *Mean Temperature of every day in the month of August, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869; *and extremes of Mean Temperature for every day within the same period.*

AUGUST.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840
1	70°·9	68°·7	63°·9	59°·9	68°·7	68°·9	61°·3	55°·0	71°·3	66°·9	60°·4	60°·1	63°·7	62°·6	60°·5
2	69·1	71·7	61·0	63·7	63·1	65·5	69·7	57·6	64·9	66·2	60·8	63·5	63·1	66·7	67·8
3	66·7	66·5	61·2	56·7	64·2	67·0	63·7	60·5	66·3	61·0	68·2	64·0	65·1	70·7	67·1
4	65·1	67·0	61·0	59·0	69·3	70·3	64·5	59·7	65·0	63·0	67·6	60·8	65·4	61·6	69·7
5	62·7	69·6	61·7	57·8	64·1	68·8	60·9	60·5	67·1	68·9	63·5	59·0	62·9	62·2	66·8
6	64·6	62·0	62·3	63·9	60·4	66·9	61·0	56·0	64·5	67·8	61·5	60·6	59·8	65·0	71·4
7	66·2	63·4	64·2	66·4	62·7	68·0	63·7	60·0	63·5	63·3	61·9	58·8	59·4	60·6	67·5
8	67·1	62·5	63·5	68·0	63·2	69·0	64·5	62·5	63·6	58·8	60·8	60·6	56·5	60·8	65·7
9	67·3	66·1	62·0	64·8	65·3	70·8	68·0	65·7	63·2	64·2	58·8	65·3	61·5	63·9	66·4
10	65·5	64·6	61·0	60·3	61·2	63·5	72·0	61·9	65·3	73·0	61·3	66·9	65·0	63·3	70·5
11	61·1	59·8	61·8	62·4	65·9	66·1	68·2	58·5	66·8	73·0	64·0	66·7	66·5	62·6	65·2
12	59·7	61·3	61·6	65·4	63·3	67·3	66·5	59·7	70·1	71·2	61·3	65·1	70·0	60·2	62·1
13	59·2	61·4	57·3	65·0	56·3	65·8	60·0	59·1	70·8	63·1	64·4	65·7	63·2	60·8	60·4
14	65·7	64·7	53·5	62·2	57·8	63·4	64·8	56·0	62·6	61·0	63·9	68·5	59·4	63·8	56·9
15	64·7	66·5	56·4	51·5	57·3	64·3	65·0	58·5	65·3	66·6	64·4	67·5	59·7	62·4	55·7
16	63·7	58·9	61·1	56·3	56·3	65·0	64·3	58·2	66·8	68·9	63·9	67·8	62·7	63·8	62·9
17	67·1	63·1	60·9	56·5	55·7	63·9	63·9	59·4	68·1	66·6	64·2	71·4	61·0	60·6	55·1
18	68·0	63·5	60·2	58·8	53·2	60·6	63·5	62·6	67·0	67·8	63·3	68·5	65·7	61·1	56·5
19	69·2	59·8	60·5	60·9	54·5	62·6	63·5	61·2	65·5	69·3	57·2	72·5	65·7	53·0	62·1
20	71·8	60·0	61·8	56·8	54·5	62·3	68·0	65·6	65·0	70·2	59·0	68·0	64·3	54·3	67·1
21	64·5	59·3	59·3	57·2	58·0	61·1	64·5	66·8	62·5	71·8	58·1	66·6	59·9	52·4	68·6
22	65·7	57·3	56·8	60·5	60·1	62·6	62·7	59·3	60·3	65·5	61·3	67·6	58·2	60·4	62·1
23	65·0	60·9	57·2	61·9	61·4	67·2	58·7	58·8	56·6	65·5	58·3	62·8	56·0	64·4	61·0
24	66·3	58·8	66·0	56·3	62·7	65·9	60·5	60·4	57·3	64·2	54·1	56·5	57·3	63·5	59·9
25	69·7	56·1	67·0	54·2	61·6	61·1	58·8	58·5	54·6	62·4	61·3	59·0	56·4	63·5	64·3
26	64·7	57·0	63·6	60·9	59·6	65·4	55·7	58·6	55·6	60·3	57·9	59·0	62·7	64·1	63·6
27	64·0	63·2	63·2	57·6	61·6	69·9	58·7	61·0	56·7	59·4	63·3	53·4	68·6	60·7	58·9
28	66·2	61·7	64·0	57·0	57·4	62·7	59·3	63·0	58·7	59·4	58·1	58·3	69·3	60·6	63·3
29	67·8	58·4	64·6	57·9	55·4	65·6	54·0	64·6	60·9	59·7	58·1	55·2	54·2	64·1	64·1
30	70·0	58·2	63·4	57·9	55·0	68·1	54·5	57·9	63·5	61·0	62·4	52·9	54·1	62·0	69·2
31	65·6	60·0	59·4	57·2	57·9	59·5	59·4	49·3	61·5	59·7	61·3	53·1	58·4	57·2	64·4
Means	65·9	62·3	61·3	59·8	60·3	65·5	62·7	59·9	63·6	65·2	61·5	62·8	61·8	61·7	63·8

Day of the Month	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
1	58°·0	61°·3	59°·9	56°·7	59°·7	74°·8	69°·8	60°·5	60°·4	63°·0	70°·1	68°·8	65°·4	61°·4	63°·6
2	58·6	64·3	59·0	59·3	57·4	68·0	68·8	57·6	64·5	61·5	69·2	66·7	64·1	63·5	63·5
3	64·4	71·2	58·1	59·8	60·3	64·0	59·0	60·0	58·6	64·7	69·9	63·5	62·9	53·7	62·7
4	62·0	72·9	57·8	60·9	62·2	67·2	66·8	59·3	56·5	65·2	69·4	61·6	61·9	53·0	62·3
5	60·5	68·0	61·7	63·6	63·8	68·1	63·4	61·2	58·1	67·0	62·4	62·7	59·7	54·4	62·0
6	61·0	63·7	60·4	61·9	61·4	72·9	59·2	59·1	62·3	63·8	60·7	61·5	61·7	57·8	63·4
7	64·4	65·8	65·5	59·9	59·0	69·9	62·4	58·3	70·3	66·2	64·1	62·6	60·3	57·4	65·7
8	61·4	66·7	69·2	59·7	61·7	65·9	61·7	57·4	70·2	64·9	66·0	62·6	61·6	61·9	62·4
9	58·8	70·6	69·5	59·9	59·3	64·3	56·2	55·6	68·4	61·7	62·8	60·9	60·9	62·5	59·0
10	61·7	77·3	56·1	57·2	59·1	60·3	56·8	58·1	67·9	65·1	62·1	60·7	60·4	63·0	61·4
11	59·6	62·9	58·1	62·2	60·8	64·6	68·3	60·3	68·9	62·7	66·1	58·3	61·6	64·7	67·7
12	53·7	66·5	62·1	61·5	57·8	63·2	71·5	62·3	64·5	60·0	71·7	56·7	61·3	61·6	59·2
13	60·8	66·6	66·9	58·4	56·6	58·1	66·4	59·1	61·0	61·3	70·9	60·5	60·0	69·1	59·3
14	62·4	70·8	68·5	56·8	56·8	62·5	64·8	55·4	61·1	63·6	65·6	62·5	59·7	63·5	64·3
15	60·5	72·7	70·4	59·1	53·3	65·1	67·4	60·5	61·5	60·6	64·5	59·1	58·6	58·8	62·5
16	64·3	72·9	63·2	61·2	54·1	61·8	62·2	61·1	57·2	65·7	67·3	64·7	59·6	55·5	63·4
17	65·6	68·6	67·4	58·9	56·5	62·1	64·6	56·8	57·8	64·4	64·4	67·7	60·4	51·7	64·9
18	65·7	76·7	70·7	58·4	59·7	62·3	66·5	62·1	55·8	64·1	60·2	64·4	59·8	59·4	67·0
19	61·9	67·3	73·3	62·4	58·0	61·1	62·8	58·4	59·5	58·0	58·9	64·2	68·0	65·5	66·1
20	64·3	64·8	64·3	64·8	56·1	61·4	60·3	58·2	63·0	56·4	66·1	61·4	64·4	63·1	61·5
21	59·5	65·4	59·6	60·4	51·8	60·8	66·5	58·3	66·1	50·4	66·7	67·1	64·3	61·4	62·6
22	60·0	70·7	56·9	58·7	58·0	61·0	60·3	55·6	64·8	53·9	69·4	64·2	64·2	59·8	64·3
23	58·5	69·9	60·2	54·7	59·7	64·9	53·0	57·3	62·6	54·0	65·1	65·3	56·7	58·6	67·8
24	55·0	62·1	59·6	59·2	58·6	60·1	56·1	52·5	64·0	57·8	60·7	65·7	55·3	60·1	64·5
25	60·1	63·4	63·1	60·7	61·9	58·8	61·9	57·5	64·4	59·4	58·4	63·4	61·0	59·4	61·5
26	67·2	67·1	61·6	57·1	59·4	63·8	58·6	62·2	67·1	57·5	59·6	65·4	59·7	62·8	57·9
27	70·6	65·8	60·3	55·5	59·4	66·3	63·6	64·5	59·2	61·5	61·0	65·4	56·0	69·4	63·6
28	62·8	63·9	63·3	53·7	57·0	66·6	67·3	65·0	64·2	55·0	54·2	66·1	56·0	67·5	66·8
29	65·4	64·4	65·6	59·0	56·4	62·1	60·1	60·5	67·2	51·9	52·6	66·3	56·0	66·4	59·5
30	65·2	62·4	68·4	57·1	59·3	60·1	59·7	57·3	68·5	51·7	53·6	60·2	58·7	68·5	57·9
31	62·5	56·5	67·7	61·3	63·0	65·4	55·8	56·8	65·3	54·8	57·5	57·0	59·1	62·9	60·3
Means	61·8	67·2	63·5	59·4	58·6	64·1	62·6	59·0	63·3	60·3	63·6	63·1	60·6	61·2	62·9

Day of the Month	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years	Lowest	Year	Highest	Year	Difference between the Coldest and Hottest Day
1	73°·1	68°·7	60°·6	62°·4	60°·6	62°·1	63°·9	62°·4	63°·9	53°·9	64°·3	58°·5	70°·4	63°·9	63°·8	53°·9	1865	74°·8	1846	20°·9
2	73·8	66·9	64·1	62·4	58·4	66·6	63·1	64·7	59·0	52·4	63·7	51·5	73·6	59·0	63·6	51·5	1867	73·8	1856	22·3
3	73·2	71·1	67·5	67·1	60·5	59·7	61·5	57·0	62·9	51·5	60·6	58·7	72·4	59·1	63·5	51·5	1865	73·2	1856	21·7
4	66·2	70·8	66·8	62·3	60·0	63·2	63·7	55·7	66·7	53·8	59·5	58·7	74·1	66·0	63·8	53·0	1854	74·1	1868	21·1
5	65·4	64·9	64·6	61·2	59·1	63·5	64·6	64·2	72·4	58·3	56·7	62·2	73·8	62·4	63·3	54·4	1854	73·8	1868	19·4
6	63·2	63·9	59·7	63·5	56·3	62·1	61·2	64·8	68·3	62·3	57·5	58·4	70·7	58·1	62·5	56·0	1833	72·9	1846	16·9
7	66·3	59·4	58·6	69·2	54·7	65·4	57·0	68·9	63·7	64·0	58·7	59·7	68·4	58·8	63·1	54·7	1860	70·3	1849	15·6
8	65·9	58·3	59·8	66·2	55·2	61·6	54·6	68·6	67·2	60·2	55·7	63·2	64·7	61·3	62·8	54·6	1862	70·2	1849	15·6
9	64·3	58·9	64·4	59·7	56·7	63·4	60·2	67·8	61·1	59·3	57·3	61·3	69·8	63·2	63·0	55·6	1848	70·8	1831	15·2
10	71·1	63·9	68·3	60·7	56·5	67·7	57·3	68·6	54·2	65·9	57·3	60·0	68·8	57·5	63·2	54·2	1864	77·3	1842	23·1
11	70·6	66·9	67·0	60·3	60·8	68·5	60·5	66·8	55·3	62·0	61·3	64·3	68·3	55·7	63·7	55·3	1864	73·0	1835	17·7
12	66·2	67·3	70·9	62·9	57·1	74·6	64·1	61·9	60·1	60·6	60·8	67·8	62·6	57·8	63·5	53·7	1841	74·6	1861	20·9
13	68·6	69·5	63·9	67·7	58·8	66·1	64·9	66·3	62·8	62·5	62·1	68·3	64·2	59·2	63·0	56·3	1830	70·9	1851	14·6
14	64·1	60·0	62·4	65·1	59·4	67·8	56·8	64·1	62·8	59·3	60·0	76·2	63·9	58·1	62·3	53·5	1828	76·2	1867	22·7
15	62·3	62·2	62·7	59·6	61·3	66·7	59·6	65·8	64·0	60·4	59·9	67·0	66·4	63·3	62·3	51·5	1829	72·7	1842	21·2
16	62·5	68·0	62·2	61·5	59·2	57·4	59·0	64·8	62·3	60·0	55·6	62·8	65·4	63·1	62·2	54·1	1845	72·9	1842	18·8
17	61·0	58·2	68·9	62·4	56·2	59·3	56·3	61·3	60·7	61·1	54·1	63·0	64·1	57·5	61·7	51·7	1854	71·4	1837	19·7
18	56·7	62·4	68·0	64·0	56·3	65·1	57·4	58·8	55·5	61·0	57·5	61·3	64·3	60·4	62·2	53·2	1830	76·7	1842	23·5
19	59·9	66·8	67·7	66·3	60·1	59·1	61·0	54·9	57·9	57·3	62·8	69·1	64·0	56·8	62·4	53·0	1839	73·3	1843	20·3
20	60·2	65·6	59·7	66·7	59·6	58·3	61·5	57·2	58·3	61·8	63·3	64·3	60·5	58·6	62·2	54·3	1839	71·8	1826	17·5
21	59·2	66·2	57·4	62·5	59·9	56·5	65·0	58·1	54·2	60·8	60·3	65·8	61·1	59·4	61·3	50·4	1850	71·8	1835	21·4
22	56·1	69·2	59·7	62·8	57·0	62·5	60·1	60·6	56·5	63·2	62·4	58·9	59·6	64·8	61·3	53·9	1850	70·7	1842	16·8
23	56·1	73·0	59·8	64·2	55·0	63·1	57·3	65·0	49·5	59·5	64·3	60·4	59·1	64·2	60·8	49·5	1864	73·0	1857	23·5
24	61·1	70·1	63·4	67·5	55·7	59·0	57·7	61·9	52·0	63·3	63·0	62·9	59·4	64·9	60·5	52·0	1864	70·1	1857	18·1
25	59·8	67·0	59·0	71·3	58·8	62·3	60·2	57·4	50·4	60·8	62·1	64·4	56·3	69·3	61·0	50·4	1864	71·3	1859	20·9
26	61·5	64·7	57·3	66·5	58·9	62·4	60·9	58·4	52·5	60·1	66·9	56·9	57·7	69·9	61·1	52·5	1864	69·9	1869	17·4
27	64·2	59·0	56·3	63·4	55·4	65·4	60·0	60·5	52·4	61·8	65·7	57·1	62·0	71·0	61·7	52·4	1864	71·0	1869	18·6
28	61·5	63·8	54·7	61·1	58·7	64·2	58·4	62·1	61·4	61·7	60·9	58·9	57·8	71·0	61·5	53·7	1844	71·0	1869	17·3
29	60·5	60·2	57·1	59·8	59·3	64·4	55·2	60·0	62·8	52·4	54·8	65·1	58·7	57·1	60·1	51·9	1850	67·8	1826	15·9
30	59·7	66·5	55·3	53·7	58·7	59·6	58·6	62·5	65·8	56·7	59·0	62·1	64·0	55·0	60·4	51·7	1850	70·0	1826	18·3
31	63·1	66·5	57·3	52·0	58·6	60·8	61·1	58·2	61·7	65·3	60·4	68·7	64·0	54·4	60·1	49·3	1833	68·7	1867	19·4
Means	63·8	65·2	62·1	63·1	58·2	63·2	60·1	62·7	59·9	59·8	60·3	62·5	64·8	61·3	62·2					

The Mean Temperature of the coldest day in August in the years 1826 to 1869 was 49°·3, and it took place on the 31st day in the year 1833.
The Mean Temperature of the hottest day in August in the years 1826 to 1869 was 77°·3, and it took place on the 10th day in the year 1842.
The difference between these numbers is 28°·0, and it represents the extreme difference between the Mean Temperature of two days in the month of August in 44 years.

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The day of the month whose Mean Temperature has been subjected to the greatest difference was the 18th; in the year 1830 its Mean Temperature was 53°·2; and in the year 1842 it was 76°·7; the difference between these numbers is 23°·5.*
The day of the month whose Mean Temperature has been subjected to the least difference was the 13th; in the year 1830 its Mean Temperature was 56°·3; and in the year 1851 it was 70°·9; the difference between these numbers is 14°·6.

* Also the 23rd; in the year 1864 Mean Temperature 49°·5; and in the year 1857 it was 73°·0; the difference between these numbers is 23°·5.

TABLE IX. *Mean Temperature of every day in the month of September, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869; *and extremes of Mean Temperature for every day within the same period.*

SEPTEMBER.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840
1	64·7	62·0	61·4	59·1	59·7	51·6	58·3	51·1	60·7	60·6	61·2	54·1	58·3	58·9	68·7
2	62·2	64·4	58·5	58·7	61·0	53·3	57·3	51·9	59·8	62·6	52·3	55·6	59·5	57·2	66·7
3	63·5	61·4	58·4	57·9	59·0	54·5	57·5	53·5	63·8	66·2	57·4	54·0	59·8	56·2	54·5
4	66·0	58·4	61·3	56·8	59·5	61·8	57·6	51·2	68·9	67·8	62·6	51·6	57·6	60·7	55·7
5	59·8	59·0	59·6	58·3	58·7	66·4	58·0	52·1	64·7	67·3	56·1	52·9	64·1	62·5	54·9
6	60·6	59·2	62·3	59·1	57·8	59·6	60·3	56·7	58·7	67·1	55·6	54·5	62·8	61·1	60·4
7	54·3	58·1	66·7	59·1	57·9	55·0	58·4	58·4	57·5	65·1	53·8	61·9	60·8	60·7	59·8
8	58·6	57·9	69·5	58·6	56·1	57·5	60·6	58·3	56·9	59·7	57·0	60·4	51·6	65·2	58·1
9	55·8	62·3	65·6	60·2	57·0	54·6	60·6	58·9	58·7	57·7	52·2	63·9	50·9	63·8	62·3
10	57·6	62·0	61·7	61·8	54·1	56·7	57·6	58·8	60·5	59·4	49·1	60·8	51·1	66·9	59·1
11	54·4	63·9	67·9	57·3	55·8	57·3	53·5	56·3	58·8	53·4	52·7	59·9	52·3	64·6	55·4
12	55·9	57·9	63·2	54·2	51·7	58·6	56·3	50·6	55·7	54·3	54·5	56·1	54·7	57·6	50·8
13	56·9	58·2	59·4	56·7	54·9	60·7	60·0	54·5	55·6	55·6	54·1	58·8	55·2	57·0	51·5
14	57·8	58·7	52·7	53·3	56·5	56·9	55·7	60·1	53·0	59·2	52·5	53·4	62·0	57·7	49·6
15	52·3	62·2	52·2	53·5	58·4	57·8	50·5	53·9	56·4	59·5	56·1	51·6	59·7	57·5	48·8
16	54·3	64·7	51·7	49·7	57·3	56·4	59·2	58·4	63·2	54·9	53·6	60·1	60·4	59·2	50·5
17	60·9	63·7	57·0	54·2	53·8	56·2	59·9	55·7	66·3	54·0	55·8	64·9	60·7	54·2	49·7
18	56·5	61·6	55·9	55·4	53·9	58·7	54·0	55·2	63·5	55·9	54·1	59·5	57·4	56·3	49·9
19	65·8	53·3	57·5	53·8	58·2	56·5	47·9	51·4	65·3	61·9	52·5	66·9	57·2	55·7	48·2
20	57·3	51·5	56·4	54·4	55·4	57·0	51·7	53·2	66·1	60·6	50·0	62·2	52·7	56·5	47·7
21	55·0	58·0	55·8	54·9	47·8	58·0	57·9	55·0	64·4	59·9	44·8	57·9	51·3	51·6	55·8
22	49·8	54·9	62·2	55·4	52·4	54·9	56·4	58·0	59·5	64·0	51·1	59·9	55·0	53·2	46·9
23	54·5	54·8	62·1	55·9	56·6	60·3	57·8	56·6	53·9	61·7	58·5	56·5	57·4	52·9	49·7
24	59·5	55·3	63·0	52·7	52·7	62·1	60·2	58·7	53·8	55·2	60·6	52·0	52·3	56·1	52·6
25	60·8	57·1	62·9	50·8	51·5	61·7	61·0	58·5	58·9	54·0	62·2	51·3	50·0	60·2	47·6
26	63·8	62·8	66·7	54·8	51·9	59·2	60·1	54·9	59·4	54·9	65·3	50·9	52·8	56·4	52·8
27	61·2	62·6	57·0	55·0	56·2	62·3	59·6	53·7	59·9	54·2	59·2	55·2	50·3	55·6	56·0
28	61·9	59·3	59·5	48·8	58·9	64·8	59·2	53·7	59·8	50·5	54·1	51·3	53·6	52·6	53·6
29	63·1	58·2	60·6	46·0	54·0	63·4	64·6	53·6	55·9	57·7	52·9	51·4	56·2	51·4	50·9
30	62·4	60·7	56·1	47·5	49·7	64·9	59·4	51·9	53·4	60·3	44·8	56·3	58·7	53·8	52·1
Means	59·0	59·5	60·2	55·1	55·6	58·6	57·7	55·1	59·8	59·2	54·9	56·9	56·2	57·8	54·0

Day of the Month	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
1	55·6	61·1	70·7	62·7	57·0	59·1	56·0	55·9	63·3	58·5	66·1	59·8	58·1	57·8	56·8
2	59·3	69·8	69·2	63·3	56·8	59·5	54·0	58·0	65·7	62·6	66·4	61·6	52·9	58·3	56·8
3	63·8	63·8	69·9	65·5	53·9	59·2	52·4	60·0	66·6	57·8	65·6	63·4	55·1	60·3	59·8
4	47·7	62·1	59·8	66·8	53·5	62·9	50·3	61·7	67·1	51·9	61·6	64·0	57·9	58·4	58·3
5	48·5	61·2	58·7	63·7	54·5	67·6	51·6	68·6	64·8	53·5	59·6	63·0	58·9	57·5	53·7
6	49·3	60·5	64·3	65·6	53·2	67·8	50·5	58·6	62·3	49·8	57·3	61·0	57·5	57·4	50·4
7	55·1	64·0	67·1	65·4	54·7	67·9	54·7	57·3	57·2	51·9	58·3	62·3	55·5	62·3	52·5
8	60·3	56·5	68·7	65·9	54·7	64·0	58·6	62·1	55·5	50·3	54·9	64·4	55·4	55·3	54·3
9	61·5	59·8	66·8	59·8	58·1	66·6	57·4	60·5	59·2	54·9	53·9	63·4	55·8	55·7	55·4
10	61·9	58·5	64·5	56·3	60·4	67·2	58·8	57·7	61·8	53·0	53·1	63·9	56·8	55·0	54·7
11	64·6	59·9	65·0	57·5	56·8	64·7	58·9	51·8	56·5	53·9	52·9	57·9	57·1	54·8	56·3
12	69·3	57·8	63·2	60·2	57·3	65·2	63·9	47·2	51·7	53·8	56·7	56·4	62·8	62·3	56·7
13	68·7	59·2	59·7	61·5	58·9	62·0	57·2	50·5	54·5	52·3	54·2	57·6	53·7	65·0	59·3
14	67·6	62·5	62·7	64·0	55·4	60·6	51·4	51·9	57·3	52·2	55·7	54·5	55·2	61·2	50·8
15	64·2	63·0	66·3	65·0	49·7	62·9	53·8	48·8	56·9	58·0	55·2	55·8	57·3	61·7	53·5
16	59·3	59·7	68·0	66·2	58·0	63·1	59·0	52·4	60·7	59·0	59·3	51·9	60·6	66·3	61·0
17	55·0	62·7	67·4	63·2	60·4	64·8	51·8	54·4	54·8	56·4	58·0	48·7	60·5	62·5	58·1
18	55·9	57·5	67·1	52·2	58·0	56·8	47·0	52·2	49·3	58·1	57·3	57·6	57·5	59·9	60·9
19	59·5	57·5	64·8	52·9	51·1	56·5	52·0	52·3	52·3	60·8	57·4	57·4	58·1	64·3	59·8
20	65·5	52·7	62·3	52·7	55·7	59·4	51·8	57·1	54·1	60·9	56·2	55·6	52·9	58·1	59·0
21	61·5	52·3	61·9	55·5	57·3	61·2	55·2	58·4	56·3	57·4	57·2	50·1	54·3	54·3	59·0
22	61·4	52·0	60·3	53·9	53·1	62·3	59·3	62·7	58·5	58·2	57·4	51·2	60·4	51·2	58·8
23	56·3	52·2	59·8	55·2	44·9	61·3	59·5	58·4	56·5	59·1	57·0	56·6	55·1	58·3	64·8
24	57·1	54·8	56·9	53·1	48·8	59·1	52·3	59·3	56·5	58·0	58·2	55·3	48·5	57·2	54·3
25	57·1	56·5	54·0	51·3	52·0	57·4	56·9	61·5	55·6	58·0	55·5	55·5	55·2	52·2	50·8
26	56·5	55·7	49·7	52·0	51·4	58·7	51·0	58·0	57·4	54·4	50·1	54·2	49·1	51·6	47·6
27	59·7	52·3	46·5	51·8	54·3	58·1	45·3	58·2	61·7	57·6	51·7	54·7	54·7	53·7	59·3
28	61·1	52·8	47·5	53·9	52·2	53·8	47·4	55·6	60·3	54·1	51·2	55·6	60·1	54·4	62·2
29	59·0	52·8	51·0	49·9	53·0	51·4	54·5	54·2	62·0	54·0	49·2	53·3	56·2	55·1	62·8
30	56·0	50·6	60·8	48·6	50·8	50·4	54·4	57·0	57·3	50·6	54·4	51·1	51·0	54·9	58·7
Means	59·3	58·1	61·8	58·5	54·5	61·1	54·2	56·7	58·5	55·7	56·7	57·3	56·1	57·9	56·9

Day of the Month	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years	Lowest and Highest Mean Daily Temperature in 44 Years: Lowest	Year	Highest	Year	Difference between the Coldest and Hottest Day
1	58·5	63·1	59·1	54·5	55·2	63·2	58·2	59·0	59·1	59·5	60·2	68·7	63·4	53·5	59·6	51·1	1833	70·7	1843	19·6
2	54·6	54·7	61·8	59·4	55·5	65·8	60·0	57·8	57·0	64·0	56·4	67·5	61·6	52·8	59·6	51·9	1833	69·8	1842	17·9
3	55·4	53·0	67·1	59·8	56·7	62·1	55·0	60·8	60·9	65·5	55·0	64·6	65·1	54·0	59·8	52·4	1847	69·9	1843	17·5
4	56·4	56·7	60·0	57·6	53·9	63·8	57·7	58·0	62·5	64·5	61·1	65·3	66·0	61·7	59·7	47·7	1841	68·9	1834	21·2
5	55·2	58·2	56·2	58·3	57·6	67·4	57·1	53·9	57·6	63·5	61·5	59·5	66·1	67·0	59·5	48·5	1841	68·6	1848	20·1
6	58·3	61·0	57·5	56·4	58·0	65·1	54·6	58·1	65·8	65·0	60·8	61·5	70·7	63·6	59·5	49·3	1841	70·7	1868	21·4
7	59·0	63·3	61·8	59·3	55·7	58·9	56·1	59·6	67·6	65·1	60·5	61·8	71·5	66·2	60·0	51·9	1850	71·5	1868	19·6
8	57·8	59·9	62·5	63·7	60·3	55·0	62·7	56·2	68·5	71·7	60·3	60·6	60·1	67·6	59·9	50·3	1850	71·7	1865	21·4
9	58·6	63·1	62·4	60·6	52·3	58·2	63·4	57·6	57·1	65·6	60·3	62·5	59·8	65·8	59·6	50·9	1838	66·8	1843	15·9
10	61·6	64·0	64·9	53·1	47·4	55·2	48·1	53·6	53·1	69·2	60·4	58·2	62·6	59·9	58·5	47·4	1860	69·2	1865	21·8
11	60·9	54·7	59·9	53·1	47·6	52·8	55·4	53·3	47·6	69·5	55·9	62·9	61·5	60·4	57·4	47·6	1860	69·5	1865	21·9
12	58·4	59·4	63·5	56·5	47·9	58·2	57·2	57·4	49·7	67·8	54·5	63·7	63·5	55·1	57·5	47·2	1848	69·3	1841	22·1
13	55·2	59·5	65·0	51·5	54·7	56·3	61·3	55·7	55·7	67·8	58·7	58·0	61·8	57·4	57·8	50·5	1848	68·7	1841	18·2
14	52·4	60·7	63·4	51·8	56·7	53·9	61·1	55·1	53·7	64·7	56·7	55·9	58·0	61·8	56·8	49·6	1840	67·6	1841	18·0
15	53·3	64·2	62·1	54·7	56·5	55·2	62·8	55·4	54·8	67·7	55·6	57·3	57·8	58·3	57·2	48·8	1840, 1848	67·7	1865	18·9
16	57·1	62·5	66·4	57·3	56·7	54·1	57·9	58·6	57·7	67·7	55·2	54·1	57·3	61·0	58·7	49·7	1829	68·0	1843	18·3
17	59·0	63·8	63·4	54·1	60·5	55·3	53·7	54·2	54·3	62·2	54·1	54·0	62·2	61·2	58·1	48·7	1852	67·4	1843	18·7
18	52·0	61·0	56·1	54·7	50·1	55·7	57·5	59·7	54·6	59·7	54·7	60·8	59·3	61·9	56·7	47·0	1847	67·1	1843	20·1
19	49·1	55·9	56·4	51·5	50·5	56·0	59·8	61·2	53·7	60·2	57·1	59·5	59·1	54·9	56·7	47·9	1832	66·9	1837	19·0
20	48·8	56·5	58·7	55·0	57·0	54·2	62·3	52·8	57·0	62·6	49·8	57·1	60·3	52·0	56·2	47·7	1840	66·1	1834	18·4
21	53·8	57·6	61·5	52·5	54·5	53·6	54·8	51·4	58·1	58·2	53·7	54·8	61·1	52·6	55·9	44·8	1836	64·4	1834	19·6
22	55·0	59·1	60·0	55·3	55·2	56·5	54·8	52·6	58·4	55·8	48·7	56·6	59·5	57·3	56·4	46·9	1840	64·0	1835	17·1
23	55·4	59·7	62·5	61·0	48·4	56·0	52·5	48·3	57·9	56·5	51·1	55·0	57·1	61·2	56·5	44·9	1845	64·8	1855	19·9
24	54·6	61·9	53·9	64·7	48·3	52·8	57·4	48·8	57·7	60·4	52·7	51·1	58·1	65·5	56·0	48·3	1860	65·5	1869	17·2
25	52·0	62·8	55·1	62·0	43·6	51·0	58·9	51·7	55·8	60·3	52·0	48·6	54·2	62·8	55·7	43·6	1860	62·9	1828	19·3
26	53·8	58·4	59·4	59·6	49·7	49·0	61·4	49·4	55·0	61·0	57·3	52·6	58·8	58·1	55·6	47·6	1855	66·7	1828	19·1
27	51·3	61·4	58·0	55·6	56·0	50·8	58·8	47·3	53·8	59·3	57·3	53·0	57·6	56·7	55·8	45·3	1847	62·6	1827	17·3
28	52·2	56·6	56·1	56·4	50·9	55·7	60·3	49·6	54·4	54·3	59·9	57·2	58·0	58·1	55·5	47·4	1847	64·8	1831	17·4
29	53·8	53·9	63·7	54·8	51·8	56·0	62·3	47·8	55·4	57·5	61·0	56·0	58·5	65·4	55·8	46·0	1829	65·4	1869	19·4
30	53·4	56·5	56·7	57·0	49·3	61·2	53·9	51·3	55·1	53·4	57·4	57·4	56·2	60·4	55·2	44·8	1836	64·9	1831	20·1
Means	55·2	59·4	60·5	56·7	53·3	57·0	57·9	54·5	57·0	62·7	56·7	58·5	60·9	59·8	57·6					

The Mean Temperature of the coldest day in September in the years 1826 to 1869 was 43°·6, and it took place on the 25th day in the year 1860.
The Mean Temperature of the hottest day in September in the years 1826 to 1869 was 71°·7, and it took place on the 8th day in the year 1865.
The difference between these numbers is 28°·1, and it represents the extreme difference between the Mean Temperature of two days in the month of September in 44 years.

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The day of the month whose Mean Temperature has been subjected to the greatest difference was the 12th; in the year 1848 its Mean Temperature was 47°·2; and in the year 1841 it was 69°·3; the difference between these numbers is 22°·1.
The day of the month whose Mean Temperature has been subjected to the least difference was the 9th; in the year 1838 its Mean Temperature was 50°·9; and in the year 1843 it was 66°·8; the difference between these numbers is 15°·9.

TABLE X. *Mean Temperature of every day in the month of October, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869; *and extremes of Mean Temperature for every day within the same period.*

OCTOBER.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840
1	54°·9	56°·7	56°·4	52°·6	56°·2	64°·2	60°·3	49°·6	51°·9	55°·4	49°·3	58°·1	54°·4	53°·6	53°·2
2	53·1	58·2	52·2	54·2	59·0	59·6	59·4	52·3	51·8	52·9	46·2	63·9	55·5	55·2	52·8
3	51·1	53·7	54·2	55·0	57·7	61·2	58·2	51·0	50·3	50·7	43·2	62·1	52·7	50·3	47·0
4	46·9	54·0	53·8	53·8	51·9	58·0	58·9	50·1	54·2	52·5	43·3	58·8	50·0	56·7	49·9
5	43·7	55·4	58·4	51·6	51·0	57·3	55·4	51·3	60·6	50·0	48·0	56·8	52·6	48·4	49·5
6	40·8	52·3	55·1	46·4	49·9	62·5	49·5	52·0	57·7	52·7	52·5	55·9	51·5	49·7	40·1
7	47·3	52·0	55·2	38·8	54·7	63·3	54·2	50·5	60·9	53·1	55·8	54·9	51·8	52·2	42·0
8	56·3	54·6	53·9	40·1	56·1	53·1	49·2	51·3	59·1	52·7	51·4	53·2	51·8	57·4	43·0
9	48·8	57·4	51·5	39·5	52·2	56·3	52·0	51·0	59·3	51·6	53·2	49·8	51·8	61·0	41·6
10	56·5	52·4	56·9	48·3	50·8	58·6	60·5	48·1	48·9	45·9	57·4	55·0	51·7	58·8	43·2
11	62·5	50·0	55·0	54·5	52·0	58·2	63·2	49·8	52·8	46·8	52·9	54·1	53·6	62·5	50·9
12	62·2	50·0	56·8	54·0	50·3	58·3	57·2	48·1	52·8	48·2	52·5	51·3	43·9	52·5	45·3
13	57·0	43·3	57·2	54·7	49·7	63·3	50·5	48·3	54·1	58·6	56·3	48·6	35·7	50·6	45·0
14	55·2	50·7	56·7	47·3	44·8	59·6	51·7	55·0	57·3	56·1	54·3	45·0	37·6	52·8	46·6
15	57·8	56·3	51·6	40·8	43·1	57·6	53·6	49·0	48·1	55·4	52·5	46·0	51·4	48·6	45·1
16	49·2	56·5	51·3	50·5	44·0	53·6	50·7	45·7	54·0	53·8	53·6	48·2	56·7	48·0	50·1
17	49·0	52·0	49·7	54·6	44·1	56·7	47·6	46·5	51·2	50·0	55·4	50·0	51·7	46·6	51·4
18	55·9	56·8	45·1	56·2	49·5	59·8	51·5	45·8	51·2	45·5	58·6	51·3	48·1	50·7	51·5
19	58·0	57·1	44·2	58·2	56·6	55·5	49·2	46·1	49·9	39·9	51·1	48·6	54·0	48·1	50·8
20	59·0	57·6	46·0	55·8	58·9	58·1	43·9	42·9	54·6	42·8	43·9	51·6	58·9	50·8	43·8
21	61·1	57·9	50·7	52·7	59·2	50·9	46·6	57·0	46·3	41·9	48·4	48·6	58·5	54·3	46·1
22	57·9	56·2	55·9	48·1	61·0	55·3	43·2	57·2	52·2	47·8	46·4	53·6	58·0	52·7	46·5
23	56·9	55·6	50·5	42·8	53·3	55·6	48·2	53·9	46·6	48·0	47·8	55·0	55·0	52·0	46·3
24	56·4	53·9	43·1	44·6	53·2	54·6	46·6	56·7	40·2	48·2	50·9	45·1	51·0	50·1	43·4
25	53·0	54·7	50·3	45·4	56·4	55·3	44·8	57·2	42·5	50·2	50·0	40·6	52·3	48·0	39·9
26	46·9	55·6	47·5	43·6	42·9	55·3	44·6	57·5	43·3	45·9	50·7	45·3	50·9	45·1	42·2
27	47·8	54·6	50·9	45·4	48·0	53·0	45·8	54·1	50·8	41·2	43·5	45·5	52·2	44·6	42·4
28	46·4	43·1	46·9	42·6	55·0	55·3	50·1	54·9	49·8	43·0	34·0	44·2	51·9	45·3	43·5
29	50·2	41·0	44·2	43·1	47·2	51·7	50·7	56·4	48·4	47·5	32·5	43·0	47·5	42·2	40·1
30	52·9	44·2	39·3	49·9	45·3	48·9	48·0	51·7	47·4	42·6	32·5	50·0	48·2	42·5	45·2
31	49·8	45·2	45·2	40·3	51·6	53·6	50·0	51·0	52·5	49·1	32·5	45·0	43·9	39·3	46·1
Means	53·0	52·9	51·2	48·6	51·8	56·9	51·5	51·4	51·6	49·0	48·4	50·9	51·1	50·7	46·0

Day of the Month	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
1	54°·2	49°·3	63°·4	55°·8	47°·7	53°·9	57°·2	52°·9	51°·6	49°·6	54°·0	50°·2	48°·3	53°·1	53°·1
2	53·8	46·6	60·0	58·4	60·6	58·3	53·1	56·4	47·4	51·1	51·9	49·1	44·0	55·4	53·2
3	55·6	51·6	59·7	60·1	57·8	51·9	53·4	57·3	52·7	50·6	55·3	50·1	41·3	51·3	55·9
4	54·6	47·4	59·8	53·7	56·5	57·8	51·6	61·8	48·7	49·5	55·4	50·4	49·2	51·0	58·4
5	53·1	44·2	60·6	54·2	46·6	59·0	49·3	60·5	46·5	49·9	51·7	51·2	51·5	60·4	53·1
6	50·8	48·9	60·2	51·8	47·2	57·2	54·7	61·8	47·8	50·1	50·4	44·8	49·1	52·7	56·6
7	53·2	52·9	61·3	46·0	47·0	56·6	52·1	61·5	55·5	51·8	52·0	45·0	50·9	50·9	54·2
8	51·1	52·2	57·3	45·7	48·1	52·9	54·9	57·6	47·3	46·8	46·5	40·6	51·3	54·6	51·3
9	50·8	53·2	46·3	56·4	44·2	56·2	56·5	54·8	41·3	45·1	53·1	37·9	48·8	57·8	51·8
10	54·4	54·1	49·3	54·5	47·6	55·5	57·2	52·0	41·1	47·0	62·5	46·7	50·9	57·0	47·2
11	54·1	52·7	55·3	52·5	44·7	52·6	55·1	49·0	47·1	42·3	59·5	47·8	51·9	52·6	51·9
12	49·3	51·0	46·6	56·5	47·7	51·8	60·2	48·0	45·8	41·4	61·7	44·6	52·5	44·0	54·1
13	53·0	48·4	42·3	56·2	52·5	46·5	56·1	50·5	43·3	44·1	58·6	46·1	54·0	48·3	48·9
14	58·5	48·9	41·6	53·0	48·5	49·8	51·0	47·3	44·3	44·6	56·6	50·0	55·2	50·3	45·5
15	55·4	53·0	37·7	53·9	57·0	49·2	49·5	46·7	44·3	41·4	52·0	51·1	52·8	49·6	45·4
16	52·7	51·7	36·3	49·6	50·4	53·3	55·5	48·1	45·9	44·1	43·0	47·6	46·4	46·5	46·8
17	54·9	50·6	42·0	48·9	52·6	51·7	54·1	42·6	54·5	47·9	43·4	43·8	47·8	43·3	52·1
18	50·5	47·3	37·6	45·2	55·0	45·3	56·4	38·0	55·1	52·8	54·9	44·2	45·2	44·2	51·6
19	47·5	41·5	36·2	48·0	55·4	51·5	56·3	44·3	56·3	53·2	59·2	42·6	49·7	42·9	50·6
20	47·1	35·9	41·2	47·0	50·0	49·6	48·7	45·0	56·6	46·7	60·0	43·9	47·3	48·4	53·2
21	39·1	34·1	44·4	48·1	45·6	50·3	49·9	41·0	50·7	42·5	56·5	51·1	50·3	49·9	53·8
22	41·9	41·3	51·9	44·7	49·3	46·6	50·0	47·4	50·8	42·8	53·5	56·1	58·4	49·5	55·9
23	52·4	45·2	51·7	40·9	42·6	43·7	51·3	50·7	57·0	43·5	54·1	50·4	58·9	43·9	52·8
24	43·7	37·6	54·6	49·1	41·8	48·8	44·4	52·8	55·3	39·1	53·7	47·8	54·8	44·4	44·6
25	43·5	42·3	42·8	46·1	42·2	46·8	40·6	50·5	57·0	39·9	51·8	45·0	52·2	41·9	50·3
26	45·4	39·9	38·9	45·4	41·3	43·6	43·3	47·7	52·4	38·4	49·9	40·1	57·3	39·7	47·4
27	46·8	45·3	42·6	46·4	46·9	41·7	51·1	50·6	57·0	41·5	49·8	43·2	58·3	39·8	40·7
28	45·9	42·4	44·6	39·0	52·6	38·2	51·4	46·9	55·0	42·5	48·4	48·1	54·9	46·8	45·5
29	47·4	37·7	42·0	46·3	48·1	46·9	52·0	44·7	50·7	37·6	41·2	42·4	48·2	44·2	46·6
30	46·6	41·4	53·8	42·1	52·6	44·9	52·1	45·0	49·0	42·6	43·2	53·5	46·7	50·8	49·5
31	49·6	46·0	46·1	45·9	46·4	41·5	56·2	43·3	45·7	46·4	41·3	53·4	50·4	54·7	45·4
Means	50·2	46·3	48·6	49·7	49·2	50·1	52·4	50·2	50·1	45·4	52·4	47·1	50·9	49·0	50·6

Day of the Month	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years	Lowest and Highest Mean Daily Temperature in 44 Years: Lowest	Year	Highest	Year	Difference	Day of the Month
1	53°·3	57°·1	51°·4	60°·1	49°·3	61°·9	55°·9	53°·6	54°·4	59°·8	56°·2	48°·7	53°·6	58°·5	54°·4	47°·7	1845	64°·2	1831	[illegible]	1
2	56·4	57·6	56·3	61·1	52·5	56·2	63·4	53·3	51·4	61·8	59·4	50·3	50·9	56·7	54·8	44·0	1853	63·9	1837	[illegible]	2
3	59·7	58·0	60·2	61·0	52·7	58·2	62·4	58·9	48·3	57·9	62·0	45·0	47·8	56·1	54·4	41·3	1853	62·4	1862	[illegible]	3
4	60·5	54·4	56·4	63·5	51·0	57·8	53·4	58·3	48·1	54·3	58·2	42·1	50·6	53·9	53·7	42·1	1867	63·5	1859	[illegible]	4
5	53·4	48·9	48·3	62·0	52·5	58·8	54·4	48·4	48·2	51·7	55·1	40·2	53·9	49·9	52·4	40·2	1867	62·0	1859	[illegible]	5
6	55·0	50·4	49·8	60·6	55·6	57·4	60·9	47·7	44·4	51·9	56·2	43·4	53·4	54·3	52·1	40·1	1840	62·5	1831	[illegible]	6
7	54·9	55·2	54·1	63·0	55·4	61·1	52·4	56·5	50·7	54·9	56·7	45·6	49·5	57·7	53·3	38·8	1829	63·3	1831	[illegible]	7
8	52·8	51·7	44·0	58·7	49·8	62·3	56·4	58·7	51·4	55·4	54·4	43·1	50·3	61·2	52·1	40·1	1829	62·3	1861	[illegible]	8
9	53·8	48·6	46·0	58·0	44·9	58·6	55·9	51·3	50·8	58·4	50·9	42·7	50·2	60·3	51·4	37·9	1852	61·0	1839	[illegible]	9
10	53·4	51·3	48·8	55·5	46·1	60·3	57·9	57·8	50·8	58·4	53·3	42·2	51·5	61·7	52·7	41·1	1849	62·5	1851	[illegible]	10
11	55·2	57·1	44·0	54·1	43·1	57·8	58·0	56·1	51·5	56·8	51·9	44·6	48·9	59·6	52·9	42·3	1850	63·2	1832	[illegible]	11
12	53·3	58·4	45·2	54·5	39·1	59·2	56·0	54·6	52·5	51·0	49·3	43·8	52·6	60·2	51·6	39·1	1860	62·2	1826	[illegible]	12
13	54·6	56·1	55·8	52·3	47·6	61·3	54·0	57·3	51·5	48·0	47·5	45·8	50·6	57·8	51·4	35·7	1838	63·3	1831	[illegible]	13
14	54·1	51·6	58·1	55·1	47·1	60·0	59·5	55·8	50·2	49·8	49·2	51·8	48·1	49·3	51·3	37·6	1838	60·0	1861	[illegible]	14
15	53·8	54·1	55·4	56·2	50·6	55·7	58·0	52·9	47·2	48·2	46·1	56·5	51·4	54·0	50·8	37·7	1843	58·0	1862	[illegible]	15
16	51·3	53·9	54·0	56·4	50·6	49·5	53·0	56·0	50·5	48·8	39·4	55·5	49·5	49·5	50·0	36·3	1843	56·7	1838	[illegible]	16
17	52·2	54·4	51·8	50·3	47·3	48·1	52·5	54·5	54·1	50·6	48·8	53·8	44·7	41·7	49·8	41·7	1869	56·7	1831	[illegible]	17
18	50·2	53·0	49·5	50·8	51·2	48·1	43·0	51·5	52·2	49·1	50·2	51·9	41·6	40·9	49·6	37·6	1843	59·8	1831	[illegible]	18
19	48·8	53·9	53·6	51·3	52·8	49·8	51·0	57·0	56·2	42·8	56·9	46·2	38·6	38·3	50·0	36·2	1843	59·2	1851	[illegible]	19
20	52·1	56·3	52·6	50·2	47·3	50·6	42·5	54·0	53·0	41·2	55·6	46·1	39·4	42·4	49·4	35·9	1842	60·0	1851	[illegible]	20
21	51·1	52·5	51·9	36·8	44·4	52·8	49·6	53·6	52·9	42·7	55·8	51·1	42·4	47·4	49·4	34·1	1842	61·1	1826	27·0	
22	52·9	45·1	48·8	36·2	50·4	53·2	50·1	53·2	52·6	47·6	49·2	59·6	42·2	45·2	50·4	36·2	1859	61·0	1830	24·8	
23	55·0	49·9	52·0	31·6	56·0	53·1	50·6	53·4	51·7	49·6	48·6	54·7	45·0	49·5	50·2	31·6	1859	57·0	1849	25·4	
24	50·3	54·8	51·1	29·9	54·4	56·7	47·1	43·9	44·2	52·6	50·6	52·9	47·9	46·6	48·5	29·9	1859	56·7	1833 / 1861	26·8	
25	45·7	48·7	50·0	38·8	56·7	57·0	42·1	43·5	50·6	45·6	45·0	50·1	50·0	44·5	47·8	38·8	1859	57·2	1833	18·4	
26	39·2	50·7	49·0	41·5	52·4	49·7	48·6	44·0	53·4	48·4	45·5	52·3	46·0	39·2	46·5	38·4	1850	57·5	1833	19·1	
27	39·8	51·7	47·2	33·7	51·5	50·2	48·7	43·2	54·2	45·2	44·3	46·0	41·2	34·6	46·7	33·7	1859	58·3	1853	24·6	
28	38·1	50·2	46·7	42·8	53·8	47·2	44·2	47·9	51·2	40·0	46·7	42·3	42·7	36·8	46·3	34·0	1836	55·3	1831	21·3	
29	40·2	48·7	39·8	42·3	48·4	47·3	43·2	47·0	52·4	47·1	42·7	54·0	47·7	41·4	45·5	32·5	1836	56·4	1833	23·9	
30	46·7	46·0	41·0	39·1	49·8	48·5	37·2	45·7	45·1	47·2	51·0	52·9	47·9	43·2	46·5	32·5	1836	53·8	1843	21·3	
31	51·9	44·3	35·8	46·7	45·5	47·7	48·2	45·2	42·9	44·7	44·4	54·0	51·8	44·1	46·7	32·5	1836	56·2	1847	23·7	
Means	51·3	52·4	50·0	50·1	50·0	54·7	52·0	52·1	50·6	50·4	51·0	48·7	47·8	49·6	50·4						

The Mean Temperature of the coldest day in October in the years 1826 to 1869 was 29°·9 and it took place on the 24th day in the year 1859.
The Mean Temperature of the hottest day in October in the years 1826 to 1869 was 64°·2, and it took place on the 1st day in the year 1831.
The difference between these numbers is 34°·3, and it represents the extreme difference between the Mean Temperature of two days in the month of October in 44 years.

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The day of the month whose Mean Temperature has been subjected to the greatest difference was the 13th; in the year 1838 its Mean Temperature was 35°·7, and in the year 1831 it was 63°·3; the difference between these numbers is 27°·6.
The day of the month whose Mean Temperature has been subjected to the least difference was the 17th; in the year 1869 its Mean Temperature was 41°·7, and in the year 1831 it was 56°·7; the difference between these numbers is 15°·0.

TABLE XI. *Mean Temperature of every day in the month of November, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869; *and extremes of Mean Temperature for every day within the same period.*

NOVEMBER.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	43·9	43·4	48·7	36·2	53·8	54·1	52·8	52·4	52·0	41·9	40·5	49·5	43·2	42·7	49·6	47·5	43·2	41·1	45·4	43·2	43·1	51·8
2	44·0	44·4	47·8	43·1	54·4	49·5	54·0	50·5	52·2	43·0	46·9	40·3	39·4	44·0	50·5	45·9	42·6	44·7	42·3	41·9	50·0	49·9
3	47·7	45·6	46·8	45·2	53·4	40·5	50·4	43·9	50·0	44·8	46·0	38·5	42·2	47·7	48·2	45·9	41·4	50·8	40·3	36·5	51·1	46·9
4	44·7	49·6	44·8	47·5	50·8	39·4	41·4	40·0	52·4	41·4	43·5	38·8	47·1	47·0	49·3	44·6	38·0	47·8	42·2	32·5	51·9	47·1
5	45·9	50·0	42·3	45·4	54·1	45·5	39·2	48·2	58·5	39·0	39·6	40·6	45·5	49·7	48·6	46·6	39·7	46·1	41·0	44·9	51·7	50·2
6	42·1	50·9	45·7	47·1	54·9	48·9	42·3	50·7	57·6	36·9	37·0	36·9	47·2	47·3	47·3	46·1	40·9	49·2	38·9	54·4	43·3	52·3
7	35·8	49·3	41·5	41·8	48·0	47·0	41·0	40·1	54·1	42·3	34·2	33·8	54·1	49·3	48·4	45·6	42·7	49·3	45·1	52·5	42·2	55·8
8	33·7	47·3	34·9	42·2	40·2	45·6	38·5	39·8	48·6	43·3	36·0	28·6	49·2	49·9	48·0	45·2	42·2	39·8	49·2	51·9	44·1	56·3
9	35·2	49·2	37·4	44·2	41·0	38·5	39·7	38·8	49·8	37·6	48·9	36·5	43·1	51·1	47·0	46·6	44·3	36·7	45·9	49·2	40·3	45·0
10	39·9	48·2	35·7	46·5	52·1	40·5	45·7	47·5	45·0	36·9	46·4	49·3	38·4	52·7	43·5	49·6	46·5	39·5	42·7	46·4	43·5	42·0
11	47·8	50·5	31·1	43·9	47·3	52·1	42·9	46·2	44·0	39·9	45·0	45·3	35·4	45·7	42·1	47·9	50·8	35·8	42·9	45·3	44·5	51·6
12	43·4	43·8	29·0	55·0	41·4	52·1	40·3	42·6	42·8	41·4	42·8	39·0	37·9	48·3	43·7	46·7	49·3	35·5	51·7	40·5	46·7	47·6
13	42·6	53·5	41·7	42·5	48·6	41·6	40·8	42·7	41·0	39·7	50·7	41·7	36·8	47·5	49·8	40·5	51·1	32·5	51·0	41·5	45·5	46·5
14	41·5	43·1	46·7	44·6	49·7	38·5	47·9	35·0	40·2	40·5	39·6	43·5	38·3	49·1	43·9	36·3	47·1	37·6	47·0	38·3	44·6	49·4
15	37·1	43·5	50·6	43·9	49·8	35·3	46·2	38·1	41·9	41·2	40·8	36·7	42·1	51·8	42·7	32·2	45·1	36·9	54·3	46·6	43·9	52·4
16	39·4	46·5	50·1	37·9	50·9	34·3	42·6	41·2	41·7	41·5	47·8	33·3	41·4	52·1	57·4	29·7	41·6	36·7	51·0	47·2	42·8	45·8
17	41·9	45·6	48·5	37·0	43·4	31·3	42·0	48·6	45·6	45·7	45·1	33·6	44·3	52·8	47·0	28·5	39·1	41·0	50·4	46·3	46·8	39·1
18	44·7	47·9	42·5	38·2	38·3	31·4	42·8	49·8	42·1	46·2	39·2	37·2	42·5	51·4	38·9	34·5	36·1	41·5	52·0	50·4	50·6	35·1
19	43·4	48·9	46·2	31·5	37·1	38·7	45·7	45·4	36·3	40·5	39·0	47·8	39·2	47·6	38·1	42·2	46·7	42·9	50·1	52·6	52·0	31·4
20	43·4	45·4	49·9	29·1	46·0	41·8	46·1	43·8	35·7	48·9	38·1	42·8	38·5	42·2	36·3	43·4	43·0	44·3	48·9	45·4	49·7	35·0
21	41·9	37·1	54·2	32·5	48·2	54·5	45·5	49·8	38·8	51·3	35·8	43·0	43·5	42·1	42·9	50·9	37·9	52·5	38·8	43·0	47·1	39·7
22	42·9	27·9	45·9	38·9	43·9	54·2	43·2	51·7	44·4	52·2	42·1	53·1	43·8	39·7	39·7	50·3	35·2	50·5	38·3	35·5	43·2	46·0
23	46·4	29·7	46·7	40·0	41·0	53·5	46·9	42·6	40·0	51·1	41·9	49·1	42·6	37·6	42·9	40·3	42·4	46·8	37·6	33·9	48·0	48·2
24	40·8	28·9	46·2	35·3	31·8	50·7	50·8	41·8	42·9	51·3	35·2	42·8	34·7	47·2	46·9	36·1	44·5	38·2	38·7	34·4	52·3	46·7
25	33·1	36·2	46·7	31·7	34·5	52·1	45·5	33·5	39·0	51·1	33·3	34·3	31·9	51·8	35·8	34·0	43·1	42·2	38·3	42·5	49·1	48·3
26	32·1	38·6	52·0	37·2	37·2	46·8	44·9	32·6	33·7	54·0	43·2	39·4	31·8	38·7	32·5	35·2	42·2	53·4	32·8	52·0	43·2	42·5
27	32·0	38·5	50·9	38·2	38·3	34·5	41·3	38·4	38·4	50·7	52·5	40·5	36·3	29·5	28·4	47·1	46·4	52·1	32·6	51·5	38·4	45·2
28	40·9	40·5	54·7	40·3	44·9	33·4	43·5	43·8	44·8	45·5	53·8	39·2	44·9	38·4	27·4	47·7	48·6	49·4	38·0	48·6	34·3	44·8
29	44·8	45·5	52·7	41·5	43·6	33·4	40·8	42·5	45·3	47·7	49·5	34·2	48·0	46·0	30·2	53·6	45·9	43·6	39·6	44·1	29·3	39·4
30	44·8	47·3	50·4	40·0	43·0	41·9	43·3	44·6	42·3	51·8	41·7	45·7	47·8	44·7	48·5	50·7	40·0	40·0	36·0	42·6	28·5	53·6
Means	41·3	43·9	45·4	40·6	45·4	43·4	44·3	43·6	44·7	44·6	42·5	40·5	41·7	46·2	43·2	43·1	43·3	43·3	43·4	44·5	44·7	46·2

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years	Lowest and Highest Mean Daily Temperature in 44 Years: Lowest	Year	Highest	Year	Difference between the Coldest and Hottest Day
1	42·9	47·3	55·0	41·8	58·7	51·9	46·9	35·8	49·7	48·7	35·0	50·6	43·3	40·3	51·3	43·3	43·4	38·0	49·4	53·2	51·7	47·7	46·5	35·0	1858	58·7	1852	23·7
2	44·1	47·1	51·6	39·1	55·2	52·9	48·7	39·3	49·1	55·8	36·6	46·7	39·6	37·4	50·3	44·8	42·4	39·9	53·7	39·4	48·4	51·7	46·3	36·6	1858	55·8	1857	19·2
3	43·6	49·3	49·9	35·4	50·1	47·9	42·9	39·7	44·5	56·3	39·9	43·6	35·8	34·7	49·8	47·8	42·3	38·5	50·9	41·2	50·5	48·8	45·2	34·7	1861	56·3	1857	21·6
4	31·5	46·7	48·9	36·5	51·1	48·0	45·1	40·5	41·8	55·2	48·2	48·4	37·5	41·4	48·4	56·4	36·5	38·4	48·3	47·4	49·2	47·7	44·9	31·5	1848	56·4	1863	24·9
5	37·7	43·5	50·1	37·5	55·5	47·5	48·7	39·5	40·1	55·2	46·5	49·0	42·2	44·1	46·4	49·7	42·4	38·7	54·6	40·9	38·7	47·0	45·6	37·5	1851	58·5	1834	21·0
6	45·1	40·6	47·8	42·4	51·3	51·7	40·0	49·1	36·1	52·8	42·1	52·3	41·3	44·9	39·9	39·7	40·4	41·8	50·7	36·0	33·3	42·0	45·0	33·3	1868	57·6	1834	24·3
7	38·7	48·6	51·2	41·3	57·1	52·1	39·8	49·1	43·1	51·2	41·5	50·7	39·5	37·9	38·9	45·7	33·4	40·5	52·8	37·1	34·3	42·3	44·6	33·4	1864	57·1	1852	23·7
8	33·6	55·5	43·7	42·7	59·5	47·9	42·1	46·9	40·7	49·9	42·6	42·8	38·4	36·1	39·4	47·1	37·8	45·6	52·9	39·3	33·7	46·9	43·6	28·6	1837	59·5	1852	30·9
9	35·2	53·2	47·4	41·7	55·2	37·8	34·9	42·5	41·5	51·1	38·5	36·1	37·3	37·7	47·0	39·4	37·7	43·8	41·0	42·6	39·0	44·0	42·5	34·9	1854	55·2	1852	20·3
10	37·0	48·0	53·0	43·3	48·4	37·9	39·2	47·4	38·0	49·1	36·1	33·2	39·1	43·5	43·0	35·0	31·9	39·5	43·2	45·0	40·3	34·2	42·8	31·9	1864	53·0	1850	21·1
11	41·6	51·0	52·9	42·0	49·6	39·2	42·5	50·5	38·9	42·2	38·1	37·2	35·0	39·7	32·5	35·4	32·0	42·0	49·5	37·8	42·1	34·4	42·8	31·1	1828	52·9	1850	21·8
12	41·3	46·1	43·5	38·4	47·0	43·8	37·4	46·5	38·2	38·7	34·7	37·2	39·9	37·9	35·0	38·5	37·8	42·8	51·5	40·4	41·7	38·7	42·2	29·0	1828	55·0	1829	26·0
13	39·7	48·2	37·7	40·9	46·0	42·6	37·8	42·8	40·0	41·7	38·1	30·7	43·9	40·4	31·0	39·0	46·3	40·7	49·9	38·5	40·9	48·9	42·6	30·7	1859	53·5	1827	22·8
14	37·7	44·7	33·7	40·0	49·9	39·0	37·9	36·2	34·2	45·6	41·8	24·1	46·1	40·0	33·6	46·1	44·7	48·9	42·5	49·4	41·6	53·7	42·1	24·1	1859	53·7	1869	29·6
15	32·5	41·1	36·1	30·8	53·1	37·9	42·9	33·2	34·8	45·3	39·4	35·0	43·2	33·6	40·6	49·6	42·4	43·7	43·5	52·1	40·6	50·5	42·2	30·8	1851	54·3	1844	23·5
16	36·6	39·6	42·9	35·1	55·0	36·1	40·0	33·8	33·9	44·1	34·7	38·7	40·2	31·9	41·6	51·1	42·1	42·1	49·5	44·6	39·6	51·8	42·2	29·7	1841	57·4	1840	27·7
17	44·4	36·5	38·1	30·9	50·4	32·1	43·4	42·3	34·0	41·7	32·2	37·3	38·5	29·2	39·1	50·6	48·5	50·3	36·0	39·5	42·4	36·4	41·3	28·5	1841	52·8	1839	24·3
18	43·1	47·4	47·8	33·2	43·6	30·6	40·5	43·7	42·7	45·6	32·4	37·0	35·4	23·8	40·2	48·7	47·1	43·2	43·5	41·6	42·8	38·9	41·5	23·8	1861	52·0	1844	28·2
19	37·3	45·3	50·1	30·9	43·8	35·2	38·6	41·4	44·4	40·4	27·0	36·5	35·3	28·8	38·7	45·7	46·5	48·7	36·8	39·1	41·7	45·4	41·4	27·0	1858	52·6	1845	25·6
20	49·1	44·3	47·2	34·8	47·4	39·7	37·9	40·2	45·8	44·3	32·3	34·8	37·7	39·7	36·7	42·7	47·4	51·7	32·7	37·7	34·7	36·5	41·7	29·1	1829	51·7	1865	22·6
21	45·0	42·6	42·0	39·8	51·1	33·3	36·6	38·7	45·4	45·8	27·1	38·0	41·5	48·8	39·7	46·7	45·4	50·2	36·3	37·6	39·8	38·4	42·8	27·1	1858	54·5	1831	27·4
22	49·6	39·7	50·4	39·8	44·3	29·2	34·1	37·8	47·6	43·8	25·8	38·0	39·8	40·1	35·2	46·2	43·9	50·0	44·2	39·3	45·4	43·5	42·5	25·8	1858	54·2	1831	28·4
23	46·8	45·2	47·8	38·0	39·7	29·1	33·1	35·1	52·9	48·7	20·3	42·8	37·8	36·1	26·7	48·7	42·9	50·3	44·2	40·2	43·8	39·9	41·8	20·3	1858	53·5	1831	33·2
24	38·4	36·4	50·2	38·7	41·2	34·8	35·5	38·7	49·7	38·1	27·0	44·4	39·0	29·1	36·3	50·8	39·3	48·3	42·3	37·2	39·3	39·7	40·7	27·0	1858	52·3	1846	25·3
25	37·7	34·5	44·2	33·1	40·8	38·6	35·0	37·7	35·0	39·0	43·4	40·8	37·5	45·5	34·8	48·3	39·3	50·1	46·3	37·9	42·5	40·4	40·2	31·7	1829	52·1	1831	20·4
26	49·0	30·6	39·9	32·9	52·7	40·0	32·7	36·6	35·1	40·3	49·1	45·6	37·0	51·1	38·3	49·3	38·9	42·7	42·7	42·1	42·7	44·3	41·1	30·6	1849	54·0	1835	23·4
27	43·2	28·0	37·3	35·2	43·7	37·5	29·0	42·2	37·9	42·6	46·3	43·4	42·5	35·6	38·3	44·3	41·9	38·5	44·3	32·3	40·8	43·9	40·2	28·0	1849	52·5	1836	24·5
28	49·5	27·0	34·6	36·7	40·6	40·7	40·7	42·1	33·3	39·7	42·5	39·1	40·9	40·4	44·8	42·3	48·0	45·5	34·6	28·6	38·7	41·8	41·4	27·0	1849	54·7	1828	27·7
29	52·7	37·3	32·0	30·5	37·1	43·6	43·3	39·9	26·8	40·9	48·0	38·8	42·7	53·3	38·8	36·3	41·3	43·6	39·4	32·7	36·1	37·3	41·2	26·8	1856	53·6	1841	26·8
30	43·0	40·3	34·4	30·0	35·6	49·6	40·9	36·5	26·3	39·2	43·1	35·7	42·7	48·8	39·3	34·8	42·9	43·7	34·6	41·8	41·5	33·0	41·5	26·3	1856	53·6	1847	27·3
Means	41·6	42·9	44·7	37·1	48·5	40·9	39·6	40·9	40·0	45·8	37·7	40·3	39·7	39·1	39·9	44·8	41·6	44·1	44·7	40·4	41·3	43·0	42·7					

The Mean Temperature of the coldest day in November in the years 1826 to 1869 was 20°·3, and it took place on the 23rd day in the year 1858.
The Mean Temperature of the hottest day in November in the years 1826 to 1869 was 59°·5, and it took place on the 8th day in the year 1852.
The difference between these numbers is 39°·2, and it represents the extreme difference between the Mean Temperature of two days in the month of November in 44 years.

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The day of the Month whose Mean Temperature has been subjected to the greatest difference was the 23rd; in the year 1858 its Mean Temperature was 20°·3; and in the year 1831, it was 53°·5; the difference between these numbers is 33°·2.
The day of the Month whose Mean Temperature has been subjected to the least difference was the 2nd; in the year 1858 its Mean Temperature was 36°·6; and in the year 1857 it was 55°·8; the difference between these numbers is 19°·2.

TABLE XII. *Mean Temperature of every day in the month of December, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826-1869; *and extremes of Mean Temperature for every day within the same period.*

DECEMBER.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840
1	41°·3	48°·2	38°·3	40°·4	41°·0	45°·2	50°·9	51°·1	48°·7	49°·6	41°·5	38°·8	49°·4	34°·6	48°·7
2	42·2	46·4	36·7	41·8	38·2	44·8	48·7	45·2	43·6	43·3	47·6	33·4	49·9	37·6	40·9
3	39·9	46·2	46·6	42·0	36·8	44·3	43·7	49·5	46·4	47·7	51·8	35·1	46·2	33·4	32·9
4	36·2	50·0	50·6	44·5	38·4	49·5	42·0	52·6	42·1	41·0	54·0	30·2	42·3	33·7	31·7
5	37·2	50·7	47·1	45·9	38·2	45·7	40·0	44·4	38·5	41·5	51·8	37·0	42·1	37·9	38·1
6	39·8	41·7	47·2	36·1	47·5	48·7	41·2	41·8	45·6	38·8	51·8	34·0	38·7	35·2	34·6
7	49·0	41·7	48·7	28·9	46·0	50·3	39·7	45·9	49·5	38·3	47·3	33·6	41·1	35·2	37·0
8	49·3	42·9	42·0	34·0	44·0	53·0	44·3	46·0	41·1	39·4	41·9	34·9	35·2	33·4	39·7
9	45·3	38·3	40·5	30·8	45·0	50·0	47·8	52·2	38·7	36·7	38·8	36·0	30·7	34·2	33·6
10	52·1	51·0	47·3	32·4	38·4	50·8	46·3	42·8	39·0	27·7	36·1	37·4	34·8	37·0	38·2
11	50·3	45·6	47·7	38·2	37·0	52·2	41·0	38·7	34·7	25·7	34·0	35·1	39·9	42·7	35·3
12	50·1	46·0	46·8	40·9	34·4	51·0	40·8	36·5	38·2	31·6	44·2	34·0	41·4	44·2	35·6
13	48·6	39·8	48·7	39·7	30·0	48·5	41·6	39·1	38·8	33·1	44·2	36·1	41·5	41·8	31·5
14	45·9	42·5	44·7	31·1	34·5	44·0	43·2	46·8	37·4	36·9	41·7	36·1	39·9	44·0	27·2
15	45·3	49·7	46·7	35·9	36·5	41·9	40·7	50·8	41·1	37·4	37·0	36·5	35·7	37·8	23·0
16	46·7	46·0	49·6	36·9	30·7	44·1	36·1	48·6	43·0	37·9	38·1	40·6	35·1	37·9	29·2
17	44·4	43·9	51·5	32·5	34·5	44·6	47·8	47·0	42·8	38·3	41·0	47·5	34·6	37·3	24·8
18	41·6	53·6	50·5	35·2	34·3	43·0	38·9	49·4	38·4	40·1	48·7	49·5	34·3	38·5	30·2
19	40·6	51·2	48·2	33·0	36·6	39·7	35·2	50·8	42·0	33·6	47·1	48·4	34·4	50·7	33·1
20	40·8	44·0	52·3	32·0	38·0	41·8	33·5	43·6	41·6	31·8	42·1	48·7	34·8	51·0	35·3
21	39·5	42·7	52·6	28·0	39·9	38·5	42·7	42·2	41·9	29·1	42·3	42·1	34·9	49·3	34·1
22	35·2	47·0	52·5	31·9	42·0	40·0	49·0	47·8	35·5	27·0	43·0	46·9	38·6	51·1	29·5
23	47·8	43·7	48·3	27·6	31·5	35·8	48·4	46·6	32·4	26·2	38·8	46·6	44·0	51·8	24·8
24	46·0	49·0	47·2	28·6	18·9	31·1	46·9	47·2	33·5	26·6	31·3	48·4	41·8	51·0	31·3
25	46·7	49·0	39·5	29·1	19·1	29·7	46·4	37·9	40·6	22·5	30·4	47·7	33·9	41·2	21·2
26	42·0	48·2	35·3	26·5	27·5	32·7	38·3	40·1	38·4	22·5	31·1	46·9	34·6	38·9	27·8
27	43·3	42·6	38·0	25·4	30·9	35·5	35·6	41·9	36·3	34·0	30·2	46·4	35·5	42·4	30·7
28	34·7	34·5	39·8	25·9	32·9	39·3	35·3	43·8	35·1	41·7	30·9	47·5	32·3	35·2	28·0
29	43·2	32·3	37·5	26·4	27·7	39·0	38·0	50·8	39·6	38·7	31·5	46·9	42·6	30·9	28·3
30	47·4	37·5	39·9	29·8	39·6	34·5	35·7	49·7	51·6	38·5	29·5	47·3	46·8	32·6	31·5
31	46·7	40·6	42·3	30·0	41·4	32·0	35·7	46·4	50·9	28·9	29·7	44·6	35·8	44·2	40·3
Means	43·8	44·7	45·3	33·6	35·9	42·6	41·8	45·7	40·9	35·0	40·3	41·1	38·8	40·2	32·5

Day of the Month	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
1	48°·0	50°·1	43°·2	37°·0	45°·2	28°·7	43°·1	40°·8	37°·8	37°·6	33°·7	37°·4	41°·5	39°·9	39°·5
2	48·9	50·5	37·9	36·4	44·7	32·9	44·8	38·0	46·3	42·5	35·5	42·7	31·9	40·8	38·6
3	48·2	46·6	47·5	36·2	35·4	29·5	51·6	42·5	37·6	39·8	37·8	43·5	37·5	46·1	32·5
4	45·1	46·3	46·9	35·2	40·2	31·5	46·2	46·3	33·7	42·3	37·7	53·6	39·2	44·0	42·0
5	46·3	45·3	49·5	25·5	45·0	34·5	41·6	45·2	37·3	44·9	44·2	53·4	40·7	42·1	37·7
6	46·8	38·4	43·1	21·9	37·7	35·2	47·2	46·9	42·7	39·0	47·2	47·6	41·5	38·4	35·3
7	44·8	37·0	48·4	27·9	34·5	37·6	41·3	51·6	44·5	38·0	46·0	46·7	41·4	33·9	33·6
8	49·4	34·0	45·1	29·5	37·7	38·9	36·1	53·6	42·0	36·3	45·4	45·8	36·2	44·5	29·2
9	40·8	40·3	38·9	29·4	40·7	39·7	53·8	47·9	35·7	33·6	46·0	45·5	43·7	38·5	28·7
10	47·4	38·1	43·6	30·2	39·4	36·5	52·4	45·6	37·7	34·5	51·2	51·8	36·8	32·0	34·8
11	41·7	40·8	39·8	26·7	43·9	29·4	47·0	50·0	37·3	40·7	39·9	52·7	31·3	34·2	29·0
12	49·7	53·5	33·9	27·6	34·2	29·7	46·0	51·3	34·1	42·5	34·1	49·0	32·5	37·3	26·8
13	47·0	52·5	38·3	26·9	30·8	23·5	44·5	48·1	33·8	44·3	41·0	50·0	41·3	44·5	25·8
14	37·6	48·6	41·5	29·4	40·0	23·0	45·6	46·4	48·8	44·8	39·4	49·8	37·7	50·7	38·0
15	44·6	47·9	47·0	36·8	45·9	23·1	47·7	49·7	50·5	46·8	37·6	48·1	32·0	49·4	42·5
16	40·0	51·7	46·4	38·4	47·0	28·5	49·6	41·0	51·9	41·8	41·3	43·2	26·1	40·4	37·1
17	32·4	44·3	42·0	39·8	44·6	33·8	50·6	40·0	47·0	37·0	40·1	49·1	28·9	38·4	37·7
18	26·1	40·4	42·1	41·6	43·4	27·4	45·7	44·8	48·6	35·6	38·3	40·9	30·1	36·6	32·1
19	27·8	39·8	44·0	39·2	41·3	42·2	44·6	44·6	40·3	35·3	47·5	47·8	31·8	36·3	25·4
20	29·6	48·6	43·9	33·0	39·5	45·3	37·4	35·5	36·3	30·8	49·8	50·1	35·0	37·9	24·5
21	30·8	51·2	45·9	33·5	34·5	43·7	33·4	28·1	32·1	31·6	45·2	43·3	34·6	39·5	19·8
22	34·1	50·0	46·1	31·8	36·9	36·1	34·8	31·0	33·5	32·0	42·7	44·2	34·1	51·0	20·7
23	38·3	41·9	52·0	31·1	39·7	36·4	35·5	27·4	29·1	31·3	37·9	43·0	35·9	37·8	43·3
24	46·2	37·5	50·5	32·7	34·3	32·0	37·8	32·4	31·6	32·3	38·5	51·9	32·8	41·3	42·0
25	38·7	40·3	46·0	33·0	39·5	27·6	38·5	42·7	33·2	37·5	34·7	48·3	28·1	44·9	42·8
26	31·1	49·0	44·0	35·0	43·0	28·9	34·9	46·6	38·7	41·0	31·1	50·7	27·5	39·2	48·0
27	31·5	39·0	43·0	33·3	44·2	31·1	34·2	44·2	36·1	40·8	33·6	49·0	28·5	34·4	46·4
28	40·5	34·5	45·1	43·4	41·1	29·0	33·6	41·5	23·7	38·7	38·0	40·1	27·2	30·7	47·9
29	42·0	49·0	41·9	43·3	39·7	34·0	34·3	38·8	29·2	43·9	37·9	50·1	22·5	35·2	46·6
30	37·3	51·6	40·3	37·5	48·5	31·8	36·7	36·1	34·0	46·4	32·9	48·5	31·1	35·8	38·7
31	36·8	43·3	44·7	38·5	42·8	24·2	34·4	36·4	32·8	50·5	32·7	46·2	27·5	41·0	38·0
Means	40·3	44·6	44·0	33·6	40·5	32·4	42·1	42·4	38·0	39·2	40·0	47·2	33·8	39·9	35·6

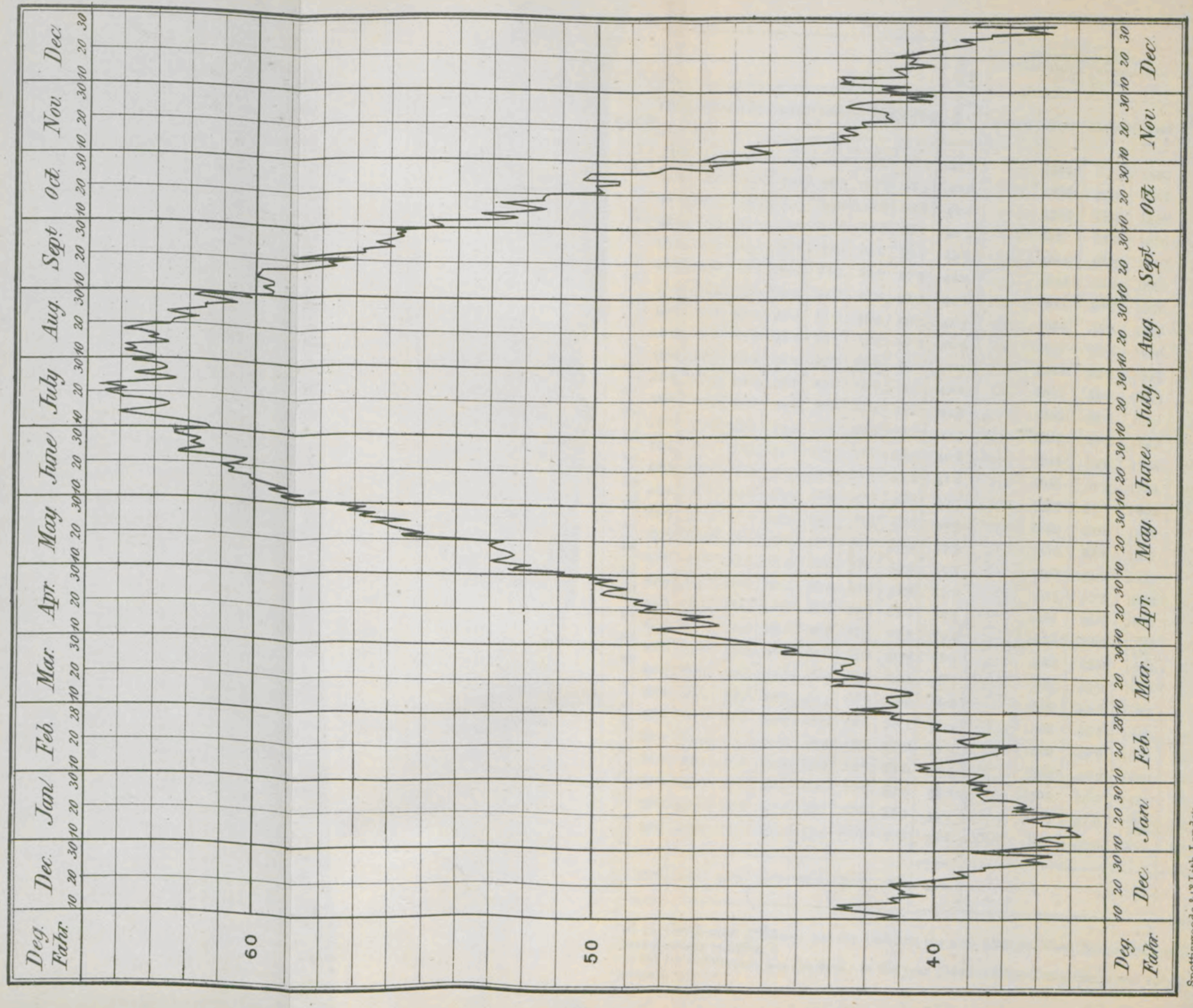
Day of the Month	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years	Lowest Mean Daily Temperature in 44 Years	Year	Highest Mean Daily Temperature in 44 Years	Year	Difference [illegible]
1	26°·0	48°·4	44°·6	35°·7	47°·2	39°·0	39°·8	40°·8	36°·4	43°·2	34°·1	48°·1	43°·0	30°·0	41°·5	26°·0	1856	51°·1	1833	[illegible]
2	27·2	50·6	44·1	32·4	45·0	33·8	44·9	43·4	35·9	41·7	38·0	28·4	45·0	31·1	40·8	27·2	1856	50·6	1857	[illegible]
3	31·2	51·4	41·8	30·2	44·3	29·6	43·9	44·4	47·1	42·7	47·4	33·4	46·9	30·7	41·4	29·5	1846	51·8	1836	[illegible]
4	31·6	43·0	47·9	40·7	45·0	34·3	44·4	42·9	48·3	43·4	52·9	31·2	53·6	32·1	42·3	30·2	1837	54·0	1836	[illegible]
5	47·5	39·4	37·8	44·9	44·2	33·7	50·9	46·9	48·5	45·7	52·5	37·0	53·0	34·7	42·9	25·5	1844	53·4	1852	[illegible]
6	52·1	49·0	32·7	41·2	49·7	40·7	52·9	43·9	46·5	49·4	52·0	34·1	52·9	37·2	42·4	21·9	1844	52·9	1862	[illegible]
7	56·7	48·5	34·0	40·4	48·6	48·2	53·9	47·4	47·5	49·0	49·7	32·7	49·6	37·4	42·8	27·9	1844	56·7	1856	[illegible]
8	55·3	40·9	37·0	40·4	44·0	46·0	42·4	45·9	42·1	47·0	40·1	31·3	49·3	40·1	41·5	29·2	1855	55·3	1856	[illegible]
9	54·2	44·9	37·9	42·0	41·4	47·6	44·4	46·9	41·7	44·9	43·4	23·1	44·2	40·3	40·9	23·1	1867	54·2	1856	[illegible]
10	51·6	43·6	35·4	38·2	38·9	46·6	46·4	43·4	37·7	42·0	43·6	32·3	49·0	41·5	41·2	27·7	1835	52·4	1847	[illegible]
11	47·0	40·8	35·5	30·2	39·6	44·7	42·4	49·4	47·3	39·1	35·7	43·2	48·9	44·1	40·2	25·7	1835	52·7	1852	[illegible]
12	46·8	44·3	35·5	34·7	40·1	49·2	37·0	46·0	43·0	40·0	50·1	46·0	37·4	40·1	40·6	26·8	1855	53·5	1842	[illegible]
13	44·2	40·8	40·3	32·0	38·9	47·5	41·0	45·0	41·5	37·8	49·4	42·0	46·6	47·2	40·7	23·5	1846	52·5	1842	[illegible]
14	42·5	42·8	37·5	27·3	37·6	46·0	40·0	42·5	38·1	39·4	44·3	47·7	50·9	42·6	40·8	23·0	1846	50·9	1868	[illegible]
15	34·4	47·4	37·3	24·3	35·8	46·8	37·0	42·5	34·3	37·6	43·2	51·1	51·0	41·5	41·1	23·0	1840	51·8	1833	[illegible]
16	29·2	49·2	37·3	23·4	38·0	46·8	38·0	41·0	33·2	39·3	45·4	50·8	47·7	44·9	40·7	23·4	1859	51·9	1849	[illegible]
17	32·9	51·8	39·0	21·3	33·0	42·8	45·0	44·0	23·5	41·5	42·9	48·7	46·9	42·5	40·3	21·3	1859	51·8	1857	[illegible]
18	42·2	47·8	43·3	20·2	27·4	42·8	41·5	37·5	27·5	39·9	48·3	35·9	50·0	50·9	39·9	20·2	1859	53·6	1827	[illegible]
19	37·5	34·4	42·9	20·3	29·0	38·5	44·5	43·0	33·8	42·5	41·6	33·9	39·9	45·5	39·5	20·3	1859	51·2	1827	[illegible]
20	44·4	39·0	38·0	25·4	28·9	39·1	38·5	39·5	41·7	46·5	32·2	29·4	42·2	41·0	39·0	24·5	1855	52·3	1828	[illegible]
21	44·7	50·3	48·6	38·8	31·1	38·9	37·5	41·5	40·3	47·7	35·2	40·7	49·4	37·1	39·3	19·8	1855	52·6	1828	[illegible]
22	43·7	52·5	45·4	34·9	29·1	40·0	37·5	35·0	33·4	40·9	38·3	40·8	47·5	37·8	39·4	20·7	1855	52·5	{1828 1857}	[illegible]
23	35·8	51·1	45·9	35·5	22·9	40·5	40·5	37·0	30·4	40·6	41·8	33·5	41·3	40·6	38·5	22·9	1860	52·0	1843	[illegible]
24	35·6	48·3	40·9	40·1	22·9	38·0	45·0	44·0	32·2	33·5	41·2	39·0	44·5	35·4	38·5	18·9	1830	51·9	1852	[illegible]
25	26·5	43·2	40·7	39·6	18·7	32·5	45·9	40·9	32·4	39·9	38·4	35·4	40·6	31·9	36·8	18·7	1860	49·0	1827	[illegible]
26	30·4	41·4	44·2	40·2	25·0	28·6	47·4	45·4	33·9	45·2	44·9	30·8	45·2	26·1	37·5	22·5	1835	50·7	1852	28·2
27	25·9	38·4	40·6	38·8	30·0	32·4	43·4	38·4	32·2	37·7	44·4	32·9	48·5	27·0	37·0	25·4	1829	49·0	1852	23·6
28	23·5	35·2	40·5	43·7	21·4	36·1	49·9	35·4	39·0	44·3	47·7	31·5	42·6	23·5	36·5	21·4	1860	49·9	1862	28·5
29	33·4	39·7	35·4	48·2	24·3	28·0	45·9	44·9	39·9	47·2	48·4	35·1	36·9	32·8	38·2	22·5	1853	50·8	1833	28·3
30	41·5	36·7	37·7	49·3	37·7	30·2	44·9	37·9	36·8	42·6	37·9	32·7	37·0	38·5	39·1	29·5	1836	51·6	{1834 1842}	22·1
31	47·3	35·6	41·4	52·0	37·5	35·3	41·9	34·9	33·8	46·4	28·5	27·2	37·2	41·6	38·6	24·2	1846	52·0	1859	27·8
Means	39·4	44·2	40·0	35·7	35·4	39·5	43·5	42·3	38·1	42·5	43·0	36·8	45·8	37·7	40·0					

The Mean Temperature of the coldest day in December in the years 1826 to 1869 was 18°·7, and it took place on the 25th day in the year 1860.
The Mean Temperature of the hottest day in December in the years 1826 to 1869 was 56°·7, and it took place on the 7th day in the year 1856.
The difference between these numbers is 38°·0, and it represents the extreme difference between the Mean Temperature of two days in the month of December in 44 years.

The day of the month whose Mean Temperature has been subjected to the greatest difference was the 18th; in the year 1859 its Mean Temperature was 20°·2; and in the year 1827 it was 53°·6; the difference between these numbers is 33°·4.
The day of the month whose Mean Temperature has been subjected to the least difference was the 30th; in the year 1836 its Mean Temperature was 29°·5 and in the year 1834 it was 51°·6, the difference between these numbers is 22°·1.*

* Also the 30th in the year 1842: Mean Temperature 51°·6; and in the year 1836 it was 29°·5; the difference between these numbers is 22°·1.

DIAGRAM *showing the Mean Temperature of the Air for every day in the year, from observations made; from January 1, 1826, to December 31, 1869, at the Gardens of the Royal Horticultural Society at Chiswick.*



Spottiswoode & Co. Lith. London.

By examining the numbers in the forty-sixth column, it will be seen at there are many large differences between the values on consecutive ys.

By laying these down on a diagram all these are shown, and by aking a curved line to pass through or near all these points, giving ual weight to every one, the most probable temperature of every day the year is shown. The numbers in Table XIII. are the best I can cide upon as the nearest approximation to the true temperature longing to every day in the year.

The days of the lowest mean temperature (36°·3) are January 7th, , and 9th; it then *increases* to 39°·3 on the 4th of February, remains *tionary* at that temperature till the 8th, and then gradually *decreases* 39°·0 on the 13th and three following days; from the 16th it *reases*, and continues so to do, gradually for the first few days, but vards the end of March at a more rapid rate, the mean temperatures consecutive days differing as much as two or three-tenths of a degree m each other, and continues increasing at this rate till the 8th of ne, when it slackens to a general rate of one-tenth, but still increases we arrive at July 9th, the mean temperature of this day differing m that of the 26th of the same month by one-tenth of a degree only; hen begins to *decrease*, gradually till the 11th of August, and at a re rapid rate from that date, decreasing uninterruptedly till the t of November, from which day till the 9th of December, when the nge is very small, the mean temperature being unchanged for three l four days together, it then continues to decrease until the end of year.

TABLE XIII.

Showing the adopted Mean Temperature of every day in the year as determined from all the Thermometrical Observations taken at the Gardens of the Royal Horticultural Society, Chiswick.

Days of the Month	January	February	March	April	May	June	July	August	September	October	November	December
d.	°	°	°	°	°	°	°	°	°	°	°	°
1	36·8	39·1	40·6	45·5	51·0	58·4	62·7	63·2	60·0	54·7	45·7	41·3
2	36·7	39·2	40·7	45·7	51·3	58·6	62·8	63·2	59·8	54·5	45·5	41·3
3	36·6	39·2	40·8	45·9	51·5	58·8	62·9	63·2	59·6	54·2	45·4	41·3
4	36·5	39·3	41·0	46·2	51·7	59·2	63·0	63·2	59·5	54·0	45·1	41·3
5	36·4	39·3	41·1	46·5	52·0	59·4	63·1	63·1	59·4	53·7	44·8	41·2
6	36·4	39·3	41·3	46·7	52·2	59·6	63·1	63·1	59·3	53·4	44·5	41·2
7	36·3	39·3	41·5	46·9	52·5	59·7	63·2	63·0	59·1	53·0	44·1	41·1
8	36·3	39·3	41·6	47·1	52·8	59·9	63·2	62·9	59·0	52·6	43·8	41·0
9	36·3	39·2	41·7	47·2	53·0	60·0	63·2	62·9	58·9	52·5	43·5	41·0
10	36·4	39·2	41·8	47·3	53·2	60·1	63·3	62·8	58·7	52·3	43·3	40·9
11	36·4	39·1	42·0	47·5	53·4	60·2	63·3	62·8	58·5	52·1	43·1	40·8
12	36·5	39·1	42·1	47·6	53·6	60·4	63·3	62·7	58·3	51·7	42·8	40·7
13	36·6	39·0	42·2	47·7	53·8	60·5	63·3	62·6	58·1	51·4	42·5	40·7
15	36·7	39·0	42·4	48·1	54·3	60·7	63·4	62·4	57·8	51·0	42·2	40·5
16	36·7	39·0	42·6	48·3	54·6	60·9	63·4	62·3	57·6	50·7	42·1	40·4
17	36·8	39·1	42·7	48·4	54·8	61·1	63·4	62·1	57·3	50·5	42·0	40·2
18	36·9	39·1	42·8	48·6	55·1	61·2	63·4	62·0	57·2	50·1	41·9	40·0
19	37·2	39·2	43·0	48·7	55·4	61·4	63·4	61·8	57·1	49·8	41·8	39·8
20	37·4	39·3	43·2	48·8	55·7	61·5	63·4	61·6	56·9	49·5	41·7	39·7
21	37·5	39·4	43·4	49·0	55·9	61·6	63·4	61·5	56·7	49·2	41·6	39·4
22	37·7	39·6	43·5	49·2	56·1	61·7	63·4	61·4	56·6	48·8	41·6	39·0
23	37·9	39·7	43·7	49·3	56·3	61·8	63·4	61·3	56·3	48·4	41·6	38·9
24	38·3	39·8	43·9	49·5	56·4	62·0	63·4	61·2	56·1	48·0	41·5	38·7
25	38·4	40·0	44·1	49·6	56·6	62·1	63·4	61·0	55·9	47·6	41·5	38·4
26	38·5	40·1	44·2	49·7	56·7	62·2	63·4	60·9	55·7	47·3	41·4	38·1
27	38·6	40·2	44·4	49·8	56·9	62·3	63·3	60·8	55·5	47·0	41·4	37·8
28	38·7	40·4	44·5	50·1	57·2	62·4	63·3	60·7	55·4	46·6	41·4	37·6
29	38·8	...	44·7	50·4	57·5	62·5	63·3	60·5	55·2	46·4	41·4	37·5
30	38·9	...	44·9	50·7	57·9	62·6	63·3	60·4	55·0	46·2	41·3	37·3
31	39·0	...	45·3	...	58·1	...	63·3	60·2	...	45·9	...	37·1
Means	37·2	39·4	42·7	48·1	54·6	60·8	63·8	62·0	57·6	50·5	42·8	39·8

TABLE XIV.—*Showing the Mean Temperature of every Month and Year, as deduced from the Observations at the Gardens of the Royal Horticultural Society at Chiswick,* 1826–1869.

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1826	32·5°	43·9°	43·5°	50·7°	53·0°	64·0°	66·6°	65·9°	59·0°	53·0°	41·3°	43·8°
1827	35·7	33·9	45·4	50·1	56·3	60·3	66·5	62·3	59·5	52·9	43·9	44·7
1828	41·7	42·2	45·4	49·8	57·3	62·7	63·3	61·3	60·2	51·2	45·4	45·3
1829	33·2	39·9	40·9	46·0	55·8	60·3	61·0	59·8	55·1	48·6	40·6	33·6
1830	32·3	36·9	48·5	51·1	57·0	57·8	64·8	60·3	55·6	51·8	45·4	35·9
1831	35·6	42·9	46·8	51·6	54·6	61·4	64·9	65·5	58·6	56·9	43·4	42·6
1832	36·9	38·2	42·7	49·0	53·2	61·0	62·5	62·7	57·7	51·5	44·3	41·8
1833	34·9	43·8	39·0	47·2	61·0	61·1	62·2	59·9	55·1	51·4	43·6	45·7
1834	45·6	41·2	45·4	47·6	57·8	61·9	65·7	63 6	59·8	51·6	44·7	40·9
1835	38·8	43·0	42·8	49·0	54·1	61·2	65·1	65·2	59·2	49·0	44·6	35·0
1836	38·0	37·9	44·8	45·6	53·1	62·6	64·2	61·5	54·9	48·4	42·5	40·3
1837	38·2	41·1	37·6	42·1	49·5	60·8	64 0	62·8	56·9	50·9	40·5	41·1
1838	28·5	33·7	42·3	44·3	53·3	59·3	62·2	61·8	56·2	51·1	41·7	38·8
1839	37·6	40·3	41·6	44·7	53·2	61·0	62·5	61·7	57·8	50·7	46·2	40·2
1840	39·6	39·1	39·4	50·8	56·6	61·4	60·4	63·8	54·0	46·0	43·2	32·5
1841	34·6	37·1	46·9	48·2	58·9	57·4	59·7	61·8	59·3	50·2	43·1	40·3
1842	33·4	41·2	45·9	47·6	55·0	63·6	60·3	67·2	58·1	46·3	43·3	44·6
1843	40·1	36·5	43·8	49·2	53·1	57·2	62·0	63·5	61·8	48·6	43·3	44·0
1844	38·7	36·1	42·5	52·6	53·7	61·7	63·2	59·4	58·5	49·7	43·4	33·6
1845	*38·9*	*33·0*	*36·9*	*48·2*	*50·2*	*60·3*	*61·1*	*58·6*	*54·5*	*49·2*	*44·5*	*40·5*
1846	*43·2*	*43·5*	*44·1*	*47·8*	*56·7*	*66·8*	*65·8*	*64·1*	*61·1*	*50·1*	*44·7*	*32·4*
1847	*34·8*	*35·8*	*41·4*	*45·3*	*57·3*	*58·3*	*65·6*	*62·6*	*54·2*	*52·4*	*46·2*	*42·1*
1848	34·4	43·8	43·8	48·3	59·0	59·4	62·4	59·0	56·7	50·2	41·6	42·4
1849	39·9	41·9	43·1	44·9	55·7	60·3	62·4	63·3	58·5	50·1	42·9	38·0
1850	33·4	43·6	39·7	49·7	51·9	61·0	62·4	60·3	55·7	45·4	44·7	39·2
1851	42·1	39·8	43·1	46·5	52·5	60·4	61·7	63·6	56·7	52·4	37·1	40·0
1852	40·4	40·0	41·0	46·8	52·7	58·2	68·1	63·1	57·3	47·1	48·5	47·2
1853	42·2	33·1	38·6	47·1	52·5	59·4	61·6	60·6	56·1	50·9	40·9	33·8
1854	38·7	39·1	44·0	49·8	51·8	57·6	62·1	61·2	57·9	49·0	39·6	39·9
1855	34·5	28·8	38·4	47·0	49·9	58·3	63·1	62·9	56·9	50·6	40·9	35·6
1856	38·8	41·8	39·5	47·7	50·6	59·8	62·1	63·8	55·2	51·3	40·0	39·4
1857	35·9	37·8	42·5	46·8	54·9	62·7	64·3	65·2	59·4	52·4	45·8	44·2
1858	36·1	34·9	42·3	48·5	53·1	65·8	61·5	62·1	60·5	50·0	37·7	40·0
1859	39·8	41·9	46·5	47·6	53·8	62·9	68·1	63·1	56·7	50·1	40·3	35·7
1860	39·0	35·3	41·8	43·8	54·3	55·3	58·6	58·2	53·3	50·0	39·7	35·4
1861	32·6	41·6	43·7	44·8	52·6	60·4	61·7	63·2	57·0	54·7	39·1	39·5
1862	38·5	41·5	43·9	49·4	56·8	57·4	59·1	60·1	57·9	52·0	39·9	43·5
1863	41·5	42·3	44·7	50·3	52·9	59·9	62·2	62·7	54·5	52·1	44·8	42·3
1864	34·7	35·8	41·3	49·5	54·9	58·4	61·9	59·9	57·0	50·6	41·6	38·1
1865	36·1	36·7	36·8	52·8	56·7	60·1	63·9	59·8	62·7	50·4	44·1	42·5
1866	42·7	40·6	41·1	49·5	51·1	62·3	61·8	60·3	56·7	51·0	44·7	43·0
1867	33·2	45·0	38·6	51·5	54·7	60·1	60·6	62·5	58·5	48·7	40·4	36·8
1868	37·5	43·5	45·4	49·7	58·5	63·6	68·7	64·8	60·9	47·8	41·3	45·8
1869	40·6	45·2	38·1	51·4	51·5	56·6	65·5	61·3	59·8	49·6	43·0	37·7

From the numbers in this table we learn that the coldest month in the year has taken place in January 26 times, in February 8 times, December 8 times, in March once, and in November once. These unusual circumstances took place in the years 1837 and 1851 respectively.

The hottest month has occurred twice in June, 27 times in July, and 15 times in August.

The month of lowest temperature was January 1838; and of highest was July 1852.

By taking the mean of all the values for each month, we find :—

The mean temperature of	January	was	37°·4
" "	February	"	39·4
" "	March	"	42·4
" "	April	"	48·2
" "	May	"	54·4
" "	June	"	60·5
" "	July	"	63·1
" "	August	"	62·2
" "	September	"	57·6
" "	October	"	50·4
" "	November	"	42·7
" "	December	"	40·0

And the mean of these gives 49°·9 as the mean yearly temperature.

By taking the means of the numbers in each horizontal line, the mean temperature for each year is determined as follows :—

TABLE XV.—*Mean Temperature of every Year*, 1826–1869.

Years	Mean Temperatures	Years	Mean Temperatures	Years	Mean Temperatures
1826	51°·4	1841	49°·8	1856	49°·2
1827	51·0	1842	50·5	1857	51·0
1828	52·2	1843	50·3	1858	49·4
1829	47·9	1844	49·4	1859	50·5
1830	49·8	1845	48·0	1860	47·1
1831	52·1	1846	51·7	1861	49·2
1832	50·1	1847	49·7	1862	50·0
1833	50·4	1848	50·1	1863	50·9
1834	52·2	1849	50·1	1864	48·6
1835	50·6	1850	48·9	1865	50·2
1836	49·5	1851	49·7	1866	50·4
1837	48·8	1852	50·9	1867	49·2
1838	47·8	1853	48·1	1868	52·3
1839	49·8	1854	49·2	1869	50·0
1840	48·9	1855	47·2		

And the mean of all these is 49°·9, as the mean temperature of the year—being of the same value as found from the monthly results.

The mean temperatures of the years 1828, 1831, 1834, and 1868, were all above 52°. The year of highest temperature was 1868, and its value was 52°·3.

The mean temperatures of the years 1829, 1838, 1855, and 1860, were all below 48°. The year of lowest temperature was 1860, and its value was 47°·1.

Thus 44 years, from 1826 to 1869 inclusive, give a mean temperature of 49°·9, with a variation, between one year and another, from 47°·1 in 1860 to 52°·3 in 1868. The difference is 5°·2.

ON THE

EXCESS OR DEFICIENCY

ABOVE OR BELOW THE AVERAGE

OF THE

MEAN TEMPERATURE OF EVERY DAY, MONTH, AND YEAR

FROM ALL

THERMOMETRICAL OBSERVATIONS

TAKEN AT THE

HORTICULTURAL GARDENS

AT

CHISWICK

FROM THE BEGINNING OF 1826 *TO THE END OF* 1869

TABLE XVI. *Excess or Defect of Temperature on every day in the month of January, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869; *above or below the Mean of that day for all the years.*

JANUARY.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840
1	+3·5°	+4·1°	+6·0°	+5·6°	−5·2°	−0·9°	−10·6°	−0·6°	+2·5°	+5·8°	−12·2°	−11·3°	+7·6°	+6·4°	+12·5°
2	+1·3	−1·5	+3·2	+1·8	−3·2	+0·8	−5·6	+7·8	+0·4	+4·3	−12·8	−9·8	+8·4	+8·1	+9·5
3	−1·9	−13·3	+5·1	+3·0	−1·2	+2·4	−6·8	+3·0	+11·4	−1·9	−10·9	−0·4	+2·6	+8·8	+6·6
4	−2·0	−12·1	−0·7	+3·2	−1·5	−0·2	−7·5	−1·9	+8·2	−5·0	+9·8	−1·4	+0·1	+1·9	+1·5
5	−1·4	−7·2	−2·1	−2·2	−0·9	−0·8	−4·2	−3·9	+10·7	−3·7	+11·3	+0·6	−4·3	+0·8	−3·7
6	+1·7	−3·3	−2·7	−3·5	−1·0	−2·5	+1·7	−5·3	+12·4	−12·3	+5·9	+8·1	−1·6	+4·7	−6·2
7	−0·8	+5·2	−2·6	−1·1	+2·4	−6·7	+3·4	−5·3	+4·7	−13·3	+2·4	+2·2	−3·0	+4·5	−12·7
8	−5·6	+13·9	−3·4	−2·6	−2·5	−7·6	+2·6	−2·2	+8·2	−5·7	+0·4	+0·4	−9·2	−2·1	−12·2
9	−9·0	+9·8	−6·4	−1·3	−1·5	+1·5	+8·1	−4·7	+5·3	+5·7	−4·2	+9·7	−13·0	−7·1	−3·3
10	−9·4	+9·1	−5·2	−2·1	−1·7	+0·9	+10·4	−8·2	+6·4	+5·7	−4·9	+6·8	−13·8	−1·6	−6·2
11	−9·5	+9·0	−2·6	−3·9	−3·9	−3·3	+7·8	−3·8	+10·7	+12·7	−2·7	−7·6	−16·5	+8·4	−11·2
12	−12·8	−0·7	+4·5	−1·7	−5·3	−0·7	+5·8	−1·8	+10·1	+9·0	−5·4	+0·2	−19·4	+7·3	−6·5
13	−15·4	+3·3	+9·2	−3·0	−7·7	−1·9	−0·2	+2·5	+11·7	+5·9	−2·8	+5·7	−14·5	+10·4	−3·2
14	−16·3	+10·7	+2·5	−2·1	−6·9	−1·3	−3·6	+2·2	+10·1	+10·0	+8·6	−1·3	−17·7	+4·0	+3·8
15	−18·2	−0·1	−0·9	−1·9	−4·6	−4·1	−6·4	+2·1	+11·6	+11·2	+2·8	−1·6	−21·1	+1·8	+8·2
16	−17·6	+7·6	−1·4	−7·3	−9·0	−2·6	−4·3	+1·3	+12·2	+4·5	−3·3	−1·3	−11·5	−3·4	+5·6
17	−11·3	+2·5	+9·9	−10·2	−15·1	+2·3	−0·7	+0·9	+10·1	−3·3	−2·2	+1·4	−10·8	−7·2	+1·5
18	−2·3	−2·3	+14·4	−9·5	−14·4	+3·3	−1·7	−1·2	+7·6	−3·7	+2·5	−0·2	−14·4	−4·8	+0·9
19	+1·9	−7·3	+16·0	−9·8	−15·2	+7·8	−4·7	−1·5	+4·1	−4·8	−5·2	−2·1	−20·4	+2·5	+10·3
20	+0·5	−7·5	+13·4	−9·0	−5·2	+4·9	−3·6	−3·5	+6·4	−6·9	+0·1	−3·7	−29·6	+5·0	+8·5
21	−1·1	−11·8	+8·7	−11·1	−2·6	+8·1	+3·3	−6·0	+11·0	−7·1	+0·6	+3·1	−9·0	+6·7	+11·2
22	−3·1	−13·8	+10·9	−11·4	−4·0	+9·5	+3·7	−7·7	+10·1	−2·9	+8·5	+9·7	−0·1	−3·9	+6·8
23	−2·4	−10·6	+9·0	−15·9	−5·7	+4·1	−2·3	−11·5	+15·8	+0·2	+10·8	+9·9	−7·2	−2·5	+12·8
24	−4·2	−8·0	+11·0	−13·7	−1·6	−6·0	+4·1	−7·5	+14·3	+5·3	+6·0	+10·7	−13·1	+2·4	+8·4
25	−4·9	−10·1	+7·8	−13·7	−2·9	−9·3	+1·0	−6·4	+7·5	+6·9	+1·1	+4·9	−11·7	+2·7	+4·4
26	−6·9	−8·4	+7·3	+0·3	−3·2	−10·5	−1·9	−5·2	+12·6	+7·2	+3·6	+1·3	−10·0	−4·8	+5·9
27	−8·1	−12·3	+7·4	+1·0	−2·8	−5·1	−5·9	−1·0	+10·5	+3·9	+5·4	−1·8	−9·5	−7·3	+0·6
28	−5·1	−3·3	+4·1	−2·6	−3·7	−5·6	−4·1	+1·9	+9·1	+1·3	+6·0	−4·6	−6·5	−6·4	+8·5
29	−2·4	+2·0	+2·9	−5·1	−5·6	−9·3	+2·5	+0·8	−6·3	+6·2	−0·7	−5·4	+1·5	−5·9	+2·9
30	+4·5	+0·9	+2·3	−1·8	−7·9	−12·5	+1·9	−4·6	+2·1	+4·4	−1·1	+0·5	−3·6	−12·8	−3·6
31	+5·4	+2·8	+6·1	−2·8	−15·8	−8·8	+1·5	−4·6	+3·7	+2·5	+2·7	+3·8	−5·7	−8·9	+5·3
Means	−5·0	−1·7	+4·3	−4·4	−5·2	−1·8	−0·5	−2·5	+8·2	+1·3	−0·6	+0·9	−8·6	+0·3	+2·2

Day of the Month	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
1	+3·1°	−2·9°	−3·7°	−4·3°	+1·7°	−0·9°	−5·3°	−2·0°	−7·0°	−9·7°	+14·9°	−7·3°	+12·5°	−11·9°	+11·8°
2	+1·5	−3·1	−4·7	−7·4	−1·5	−5·4	−4·8	+6·5	−11·7	−2·9	+13·3	−0·6	+12·3	−13·3	+11·6
3	−3·9	−6·2	−5·5	−7·5	−2·4	−2·3	−3·7	+11·5	−8·9	+1·3	+7·8	+3·4	+8·0	−10·5	+9·9
4	−6·2	−5·8	+0·5	+6·2	+3·1	−0·5	+3·2	+3·1	−3·3	+2·6	+6·4	+2·6	+10·4	−4·9	+6·1
5	−8·2	−2·9	−0·2	+13·5	+10·4	−6·5	+5·0	+0·7	−4·4	−4·2	+2·8	+0·7	+8·8	−3·2	+8·5
6	−9·3	−0·8	+1·7	+9·5	+11·5	+6·3	+5·6	−2·4	−7·5	−8·6	+1·9	+5·7	+5·4	−2·8	+1·5
7	−19·0	−5·3	+6·0	+1·4	+7·9	+9·6	+5·0	−2·3	−4·2	−9·6	+9·1	+7·3	+6·9	+3·5	+10·1
8	−22·1	−5·4	+0·2	+1·1	−2·9	+10·0	+1·0	−1·8	+1·9	−6·0	+3·8	+5·4	+5·4	+3·4	+8·6
9	−13·7	−7·3	+2·7	−0·1	−3·7	+7·0	−4·4	−3·9	+6·0	−4·5	−0·2	−2·0	+6·0	+1·5	+6·8
10	−1·7	−8·0	+2·1	+2·9	+3·2	+1·9	−7·0	−5·4	+7·8	−5·4	+7·0	−4·5	+10·6	+0·7	−2·9
11	−1·5	−4·6	−1·9	+1·3	+10·4	+1·2	−9·0	−5·5	+0·3	−6·5	+10·4	+9·5	+9·6	−1·8	−2·5
12	−4·3	−4·0	−4·6	+2·6	+7·5	−3·5	−4·9	−0·3	−0·1	−7·0	+11·6	+9·1	+12·4	−1·6	+0·9
13	−3·2	−6·1	+4·3	+2·4	+4·0	+3·6	−5·7	+6·0	+13·5	−9·7	+9·7	+6·3	+7·1	−2·1	−0·4
14	−1·4	−2·8	−2·7	−0·8	+4·0	+5·3	−9·7	+3·4	+8·9	−8·1	+7·6	+8·3	+3·6	−1·8	−6·1
15	−0·3	−5·8	−3·2	−6·1	+4·5	+7·9	−7·1	−4·0	+1·9	−8·7	+9·6	+14·8	+8·0	+0·1	−6·8
16	+8·9	+1·9	+0·2	−6·5	+4·2	+8·3	−5·4	−6·6	+6·1	−5·9	+6·5	+8·6	+3·1	+5·9	−5·1
17	+10·9	−4·0	+1·7	+1·6	+1·6	+6·2	−8·3	+0·3	+9·1	−4·8	+6·6	+4·8	−0·4	+9·6	−11·5
18	+5·0	−5·6	+4·7	+4·4	+2·9	+5·3	−6·7	−3·7	+8·2	−3·7	+2·3	−3·3	−1·5	+7·1	−10·5
19	−4·3	−6·7	+1·1	+5·4	+1·2	+10·7	−6·9	−4·5	+11·1	+1·1	+4·7	+0·5	+7·4	+0·3	−15·2
20	−7·2	−5·1	−1·2	+0·7	+1·4	+7·9	−6·9	−6·0	+9·6	−8·2	+7·2	+7·2	+11·8	+7·1	−9·7
21	−5·6	−5·1	−1·3	+3·5	−5·5	+11·7	−4·2	−5·9	+8·4	−7·5	+7·6	+5·7	+5·0	+6·3	−14·5
22	−0·8	−4·0	+1·9	−1·0	+0·3	+10·8	−4·3	−7·3	+6·1	−4·8	+0·2	+1·6	+0·7	+1·3	−10·6
23	−1·7	−6·5	+5·8	+1·1	+4·1	+8·2	−0·2	−6·8	+8·7	−2·3	−3·8	−1·5	+1·5	+2·1	−9·4
24	−5·1	−8·3	+6·5	−2·6	+1·2	+8·7	+4·2	−4·9	+10·2	−4·2	−7·6	+3·9	+1·4	+4·6	−6·0
25	−4·5	−3·1	+6·9	+1·1	+1·2	+14·5	+2·3	−8·9	+9·2	+4·5	−3·4	+2·5	−1·7	−1·7	−5·2
26	+6·7	−1·3	+9·2	−0·1	+3·1	+9·8	+5·8	−14·4	+4·0	+1·1	−2·5	+0·9	−2·6	+0·2	−7·7
27	+4·9	−0·5	+13·0	+5·6	+0·2	+7·5	+6·2	−12·6	+0·9	−7·0	−1·1	+2·9	−2·6	+5·2	−13·2
28	−1·3	−4·2	+12·4	+6·1	−4·3	+8·4	+0·1	−15·7	+0·5	+3·1	+3·0	−2·3	+1·3	+7·0	−7·2
29	−0·2	−2·2	+12·9	+7·0	−7·5	+8·3	−5·3	−2·1	−3·8	+3·8	+9·3	−2·6	+0·8	+11·7	−8·8
30	−0·3	−1·8	+9·4	+3·6	−8·5	+7·9	−2·1	+4·2	−0·5	−4·8	+1·6	+2·3	+1·1	+10·3	−10·2
31	−3·3	+2·3	+8·2	−4·7	−7·6	+11·0	−5·8	−1·9	−3·2	+2·2	−0·1	+2·9	−4·0	+9·2	−11·3
Means	−2·9	−4·1	+2·7	+1·3	+1·5	+5·7	−2·6	−3·0	+2·5	−4·0	+4·7	+3·0	+4·8	+1·3	−3·2

Day of the Month	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years
1	+4·3°	+9·6°	−1·1°	+4·2°	+12·3°	−1·6°	−3·3°	+10·9°	−9·1°	−8·7°	+1·1°	−11·6°	−8·0°	+0·4°	37·5°
2	+6·8	+6·5	+2·4	−2·0	+12·1	−9·0	+1·0	+7·3	−10·3	−8·3	+7·3	−16·3	−6·2	+6·9	36·2
3	+7·8	+8·3	−0·3	−1·7	+13·5	−13·2	−0·4	+4·7	−11·3	−2·8	+8·1	−14·3	−7·2	+9·9	36·2
4	+6·3	+1·7	−5·5	+1·6	+5·7	−7·4	−1·3	+5·9	−10·1	+5·7	+10·5	−26·1	−7·8	+6·7	37·0
5	+9·2	−4·6	−8·6	+3·6	+1·1	−10·5	+1·8	+8·0	−14·3	+7·5	+7·8	−13·4	−3·8	+8·3	36·4
6	+6·9	−3·7	−10·1	−0·8	+0·7	−13·6	+1·1	+8·4	−19·0	+3·6	−1·6	+3·7	−4·4	+6·4	35·8
7	+6·0	−4·2	−5·1	−2·6	−0·5	−12·0	+3·2	−0·5	−14·0	+3·1	+5·3	+13·6	−5·7	+9·2	35·9
8	+2·3	−0·9	+9·8	−4·1	+2·7	−14·2	+3·8	+3·2	−14·0	+8·5	+7·0	+9·3	−3·8	+14·2	36·1
9	+0·6	+8·2	+6·1	−3·7	−2·3	−16·6	+12·7	+1·1	−4·7	+7·3	+1·8	+5·8	−6·1	+10·1	36·0
10	−3·6	+8·5	+9·2	+0·1	−1·4	−21·3	+8·4	+1·4	−0·1	+10·1	+1·1	+3·2	−5·7	+4·0	36·9
11	−7·4	+3·5	+3·4	+7·8	+1·3	−10·0	+10·1	+0·4	+1·9	+7·9	−4·2	−4·6	−5·0	+2·1	36·9
12	−5·3	−1·4	−2·3	+7·6	+1·1	−1·7	+6·1	0·0	+1·8	+6·7	−5·5	−11·7	+3·1	+3·4	37·0
13	−8·5	−3·8	−0·3	+1·5	+0·6	−7·2	+0·5	+3·5	−1·0	+1·4	+3·4	−17·1	+7·7	+0·6	37·3
14	−8·5	−7·7	−4·2	−0·3	+4·4	−8·3	+1·1	+2·2	+0·2	+3·5	+12·2	−14·5	+11·3	−3·5	37·1
15	−5·2	−1·0	+4·2	−1·1	+8·3	−9·2	−1·2	+2·9	−1·2	+1·2	+8·5	−8·4	+9·1	+8·6	36·1
16	−0·1	−0·4	+3·7	−2·6	+0·3	−9·7	−6·2	+1·3	−3·4	−0·1	+10·1	−5·4	+9·9	+7·1	36·7
17	+5·7	−1·0	−3·5	+8·8	−3·7	−3·5	−10·5	−0·1	+1·7	−3·6	+8·5	−10·3	+10·6	+8·2	37·6
18	+8·6	+9·5	−1·5	+11·8	−3·4	−3·8	−11·0	+0·7	+3·7	−1·7	+10·4	−9·5	+8·1	−1·2	37·1
19	+9·6	+2·8	+3·3	+3·2	+1·1	−2·5	−11·8	+8·7	+8·8	−4·4	+10·5	−11·2	+5·4	−1·2	37·5
20	+8·9	+0·4	+5·8	+7·0	+1·7	+3·0	−8·0	+4·2	+8·0	−4·6	+9·1	−9·0	−0·8	−3·9	37·3
21	+7·2	−5·3	−3·1	+7·7	+3·8	−0·1	−4·1	+1·1	+6·6	−12·5	+12·4	−10·4	−1·4	−4·4	37·7
22	+0·8	−1·1	−4·6	+2·9	+1·4	−2·6	+3·1	+5·5	+10·4	−9·7	+10·1	−11·9	−2·2	−5·5	38·3
23	+10·4	−1·0	−7·0	−0·1	+2·0	−3·9	−0·3	+6·0	−1·1	−4·8	+5·5	+4·1	−5·2	−9·7	38·8
24	+8·7	−0·6	−10·5	+2·1	+0·8	+1·7	+9·8	+6·2	−2·5	−4·0	−0·7	−10·0	−3·3	−8·4	38·2
25	+3·8	−3·6	−7·2	+9·5	−1·8	+8·5	−0·3	+5·8	−1·6	−6·5	−0·5	+5·3	+1·5	−5·0	38·8
26	+4·5	−5·4	−9·3	+3·1	−3·6	+8·1	−6·8	+3·9	+4·0	−4·9	+1·6	+5·3	−2·6	+1·6	38·8
27	−2·4	−9·6	−6·4	+6·4	+3·3	+8·0	+0·5	+3·4	+7·0	−5·7	+2·2	+13·4	−0·8	−3·1	38·7
28	−5·7	−10·8	−4·5	+2·5	−6·0	+1·3	+3·7	+2·3	+4·1	−10·5	+6·6	+9·8	+3·0	+9·9	38·6
29	−9·9	−15·4	+2·0	+5·3	−2·3	−2·4	+10·1	+6·9	−11·6	−10·6	+4·4	+8·3	−0·1	+6·1	38·8
30	−9·1	−11·8	+8·2	+0·2	−0·1	+2·2	+9·8	+8·2	−7·6	−2·3	+3·5	+4·6	+3·2	+8·0	38·9
31	−10·3	−11·0	−1·9	−2·4	−4·4	+3·6	+13·2	+5·7	−3·8	−0·7	+9·1	−0·8	+9·4	+14·2	39·0
Means	+1·4	−1·5	−1·3	+2·4	+1·6	−4·8	+1·1	+4·2	−2·7	−1·3	+5·3	−4·2	+0·1	+3·2	

TABLE XVII. *Excess or Defect of Temperature on every day in the month of February, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years 1826–1869; above or below the Mean of that day for all the years.*

FEBRUARY.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836
1	+4°·8	+1°·2	+6°·2	−11°·3	−15°·5	−3°·3	+2°·0	−4°·0	−1°·2	+9°·7	+0°·6
2	+9·6	−4·9	+4·4	−12·7	−18·3	−6·6	+2·6	+8·3	+4·0	+9·8	−1·3
3	+10·8	−5·2	+3·4	−9·8	−16·1	−2·8	+2·2	+7·4	+4·4	+8·5	−1·4
4	+6·7	−5·5	+6·8	−3·2	−12·4	−2·0	+6·7	+10·0	+3·7	+5·1	−2·3
5	+6·2	−8·5	+8·2	+0·3	−20·6	−5·1	+10·2	+7·9	+3·1	+3·7	−4·4
6	+8·1	−5·5	+8·2	+0·5	−20·5	−5·6	+5·2	+9·0	−0·6	+1·0	+2·0
7	+1·1	−6·9	+5·9	+3·2	+1·4	+9·9	−2·5	+7·8	−6·4	+5·3	+2·7
8	−2·9	−7·6	+2·6	−2·1	+4·2	+14·5	+0·1	+7·3	−9·1	+1·3	+2·5
9	−3·4	−7·9	−1·6	+1·1	+2·1	+16·9	+2·1	+1·2	−5·8	−0·5	+9·5
10	−2·9	−5·0	−4·0	+2·0	−2·6	+13·2	−1·4	+11·7	−0·8	−5·7	+5·3
11	−0·7	−5·4	−6·9	+4·8	−0·1	+12·9	+0·3	+13·2	+2·6	+1·3	−1·8
12	+4·9	−5·4	−7·8	+6·9	−0·6	+11·7	+0·2	+10·2	+2·1	+2·7	+1·5
13	+7·3	−4·0	−5·7	+6·9	−2·6	+8·3	−0·5	+8·9	+0·7	+4·8	−0·4
14	+7·2	−4·5	−6·6	+7·2	−4·7	+4·8	−3·8	+4·8	+1·6	+8·5	+2·2
15	+8·3	−5·7	−5·0	+7·1	−5·4	+3·9	−9·5	−0·8	−0·3	+7·6	−1·6
16	+8·2	−13·4	−4·2	+6·9	−5·5	+6·5	−4·5	−2·1	−4·7	+2·8	+1·5
17	+4·2	−14·4	−5·3	+5·0	−6·7	+5·0	+1·1	+0·7	−2·8	+2·7	−1·4
18	+3·0	−13·5	−0·9	−1·4	−4·9	+3·7	+2·3	+4·5	+6·5	+2·1	−3·1
19	+6·8	−10·0	+4·3	+4·2	−4·6	+5·7	−4·8	+5·7	+6·5	+5·7	−6·3
20	+5·3	−8·0	+8·2	+7·9	−4·1	−0·2	−3·4	+3·2	+5·3	+3·3	−8·9
21	+4·3	−5·1	+6·0	+6·5	+1·7	−1·2	−1·5	+3·3	+1·2	+0·6	−7·0
22	+7·2	−7·9	+5·5	+1·4	+1·9	−3·0	−5·8	+0·3	+1·9	+4·4	−1·7
23	−0·5	−7·6	+0·3	−3·4	+9·4	−1·8	−6·3	−2·4	+9·0	+3·0	−2·2
24	−0·8	−5·1	+6·2	−3·5	+11·9	+4·8	−8·7	0·0	+8·5	+0·4	−1·9
25	+6·4	−6·4	+10·2	−1·7	+11·4	+2·3	−6·3	+2·8	+0·3	+6·3	−6·6
26	+2·0	+4·8	+12·3	−0·7	+9·8	+2·4	−2·9	+3·2	+1·6	+4·0	−5·7
27	+4·8	+8·2	+13·4	−2·4	+9·7	+3·1	−2·8	+1·0	+9·6	+2·6	−6·8
28	+8·1	+4·2	+7·5	−7·5	+10·0	+0·3	−4·7	−1·7	+9·3	−1·4	−5·3
Means	+4·4	−5·5	+2·6	+0·4	−2·6	+3·5	−1·2	+4·3	+1·8	+3·6	−1·5

Day of the Month	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	+3°·1	−7°·2	−9°·7	+4°·3	−11°·3	+0°·4	+9°·4	−9°·7	−6°·7	+5°·8	−4°·0
2	+3·4	−10·8	−7·1	+5·7	−13·4	+5·9	+3·4	−6·3	−8·3	+2·9	−5·2
3	+1·5	−8·4	−2·1	+6·4	−16·9	+3·3	−3·2	−6·2	−0·1	+7·4	−4·4
4	−3·5	−11·0	+2·3	+4·6	−13·2	−1·2	−4·5	−6·1	−4·4	+3·3	−7·3
5	−6·9	−10·3	+0·6	+1·3	−14·0	−5·6	−7·0	−10·9	−1·5	+0·3	−4·1
6	−6·8	−8·6	+4·1	+1·4	−13·8	−7·5	−5·6	−6·2	−8·8	+1·8	+1·4
7	−3·7	−1·8	+9·3	+5·8	−15·4	−5·2	−5·9	−0·7	−12·8	+3·5	−12·2
8	+0·2	+4·8	+10·5	−0·4	−12·8	−1·5	−3·4	−4·6	−12·6	−2·9	−12·9
9	+7·0	+0·9	+11·8	+3·0	−10·8	+4·8	−2·1	−2·2	−9·0	−5·0	−18·1
10	+9·3	−8·1	+2·1	+7·0	−9·2	+7·5	−2·4	−1·9	−9·1	−7·1	−10·0
11	+6·3	−6·5	+2·9	+7·2	+0·2	+11·3	+0·5	−3·8	−13·3	−3·6	−11·8
12	+5·4	−10·5	+6·9	+5·7	+5·8	+11·5	−1·0	−7·4	−22·3	+0·6	−14·7
13	+6·5	−13·1	+2·8	+4·7	+8·7	+6·8	−6·8	−10·9	−6·3	+1·3	−11·5
14	+1·7	−12·4	+4·7	−3·6	+8·3	+6·2	−9·3	−2·9	−1·6	−0·4	+3·2
15	+1·7	−10·2	+2·0	−1·0	+6·1	+7·1	−13·8	+3·4	−3·7	−1·5	+5·1
16	+10·3	−9·5	−0·2	+7·8	+6·7	+4·5	−12·5	−2·0	−6·0	+4·6	+3·9
17	+3·8	−8·6	−3·1	+5·4	+2·5	+2·9	−7·7	+1·3	−6·5	+4·0	+11·8
18	+5·2	−4·7	−7·1	−1·8	+7·1	−2·9	−6·0	+4·8	−6·1	+4·5	+9·2
19	+5·9	−6·0	−5·4	−5·8	+6·3	−2·2	−3·4	+1·9	−10·5	+3·9	+4·0
20	+5·3	−4·4	−1·9	−6·9	+7·6	−2·7	−1·0	−7·1	−10·1	+5·7	+6·6
21	+6·2	−5·3	−3·3	−8·4	+3·7	−1·7	+4·4	−3·7	−8·0	+9·0	+6·5
22	+2·4	−6·3	+5·9	−10·5	+0·1	+1·8	+6·4	−9·6	−6·4	+8·6	+4·1
23	+2·8	−4·3	+3·5	−9·5	−1·2	+4·9	+5·2	−2·4	−2·6	+13·5	+0·1
24	−1·9	−0·2	+0·8	−8·1	−1·9	+2·4	−1·6	−1·4	−1·4	+13·4	−6·4
25	−5·2	+2·4	−1·4	−6·2	−1·2	−3·6	−5·5	+3·6	+0·1	+10·6	−8·6
26	−5·4	−3·2	−5·4	−5·7	+1·3	−2·2	−4·4	−1·1	+3·3	+9·9	−8·9
27	−3·7	−1·9	−1·1	−6·2	+6·9	−0·2	−3·0	−7·7	+0·7	+9·1	−9·4
28	−5·1	+4·3	+0·8	−3·5	−2·2	+5·0	−2·3	−0·8	−4·8	+11·8	−6·9
Means	+1·6	−5·7	+0·8	−0·3	−2·4	+1·8	−2·9	−3·6	−6·3	+4·1	−3·6

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858
1	−5°·8	−3°·2	+12°·6	−2°·2	+10°·3	−8°·1	+6°·3	−12°·5	−5°·8	−12°·8	−7°·9
2	−0·5	+6·9	+11·5	−2·2	+11·2	−5·0	−1·8	−10·2	−6·0	−7·6	−7·6
3	+1·3	+8·4	+6·5	−3·3	+4·3	−1·8	−10·5	−7·3	−4·6	−8·9	+2·1
4	+5·4	+7·2	+0·9	−4·4	+7·9	−3·0	−3·0	−4·3	−3·9	−13·0	+4·7
5	+10·3	+5·2	+4·3	+3·1	+9·0	−3·7	+4·5	−4·7	+2·0	−9·3	+1·5
6	+11·1	+3·9	+0·2	−3·4	+2·4	−1·5	+12·3	−7·4	+6·6	+2·1	−2·2
7	+7·4	+2·4	−1·1	+2·2	+0·1	−1·1	+5·7	−8·6	+10·6	−0·8	−4·6
8	+7·4	+1·8	+6·3	+3·7	+9·0	−5·5	+1·7	−9·4	+9·9	+1·5	−6·2
9	+6·3	+2·3	+6·8	+1·0	+0·3	−2·0	−0·2	−12·4	+12·9	+1·9	−5·2
10	+4·6	+6·1	+3·9	+1·9	−2·8	−2·8	−1·5	−17·4	+10·3	+3·7	−5·0
11	+1·4	−0·9	+2·9	+0·2	−4·5	−6·6	−3·7	−14·6	+8·6	+6·6	−4·9
12	+3·9	−5·4	−0·2	+0·8	−5·2	−7·1	−3·6	−8·1	+9·7	−1·7	+0·9
13	+11·2	−3·7	−4·7	+3·7	−1·6	−7·0	−6·3	−13·6	+10·6	−1·8	+3·8
14	+12·1	+2·6	+2·6	−0·8	−3·4	−9·5	−7·2	−12·3	+8·2	−3·6	−1·0
15	+3·2	+6·0	+13·0	−4·9	+2·9	−9·9	−2·0	−15·2	+4·6	−2·7	−4·1
16	+0·6	−0·7	+3·9	−6·5	+3·5	−8·1	−2·5	−14·3	+2·9	+0·1	−3·5
17	−1·7	0·0	+7·0	−3·7	+12·6	−8·7	+2·8	−18·8	0·0	+3·8	−4·2
18	−4·2	+4·8	+9·8	+11·8	0·0	−9·1	−4·6	−22·4	−4·0	+5·2	−8·8
19	+3·1	+6·3	+9·9	+10·3	−6·0	−13·1	−4·4	−15·0	−2·9	−2·3	−8·2
20	−0·3	+4·6	+5·4	+8·5	−8·7	−8·6	+2·5	−15·4	−3·5	+3·1	−6·4
21	−0·7	+5·7	+5·8	+2·2	−6·3	−8·5	+1·1	−17·1	−5·9	+4·2	−5·4
22	+5·7	+7·5	+6·2	−0·4	−1·6	−7·7	+1·5	−14·5	−4·7	+1·4	−7·5
23	+6·9	+1·9	+4·1	+0·6	−2·6	−5·0	+0·9	−10·7	−1·0	−2·0	−2·8
24	+8·5	+2·1	−0·8	+2·8	−3·5	−4·8	+1·3	−4·8	−2·1	−3·2	−6·0
25	+7·8	+2·5	+1·7	+2·0	−3·6	−5·5	+2·6	+2·4	−0·1	−5·9	−9·3
26	+4·3	−1·9	−1·1	−4·5	−2·0	−4·0	−3·5	−2·9	+7·9	−4·4	−10·7
27	+7·4	−2·8	−1·0	−3·7	−2·1	−8·5	+1·1	−4·4	+6·6	−1·1	−8·9
28	+6·0	+0·1	+1·1	−5·0	+0·1	−9·8	+0·9	−1·5	+1·0	+2·4	−8·4
Means	+4·4	+2·5	+4·2	+0·3	+0·7	−6·3	−0·4	−10·6	+2·4	−1·6	−4·5

Day of the Month	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years
1	+2°·7	−7°·7	+6°·8	+11°·6	+4°·7	+2°·7	+5°·5	+12°·2	+7°·8	+9°·2	+9°·8	39°·[illegible]
2	+1·8	−5·1	−1·5	+9·8	+9·1	+8·3	+5·9	+6·7	+3·1	+7·2	+0·3	38·[illegible]
3	−5·7	−5·1	+1·8	+11·2	+4·9	+7·1	+4·1	+3·1	+0·6	+2·1	+11·5	38·[illegible]
4	+1·8	−1·0	+4·4	+13·7	+2·2	−3·4	−4·2	+5·3	+2·2	+1·9	+11·2	39·[illegible]
5	+3·9	+2·6	+4·8	+7·8	+5·9	−8·4	−4·4	+5·4	+2·7	+3·7	+9·0	40·[illegible]
6	−2·1	−3·3	+5·3	+3·4	+7·8	−8·2	−0·5	+11·2	+2·1	+0·1	+6·4	40·[illegible]
7	−7·6	−2·0	+4·0	−7·1	+8·3	−15·0	+4·9	+5·5	+0·3	+3·1	+10·3	40·[illegible]
8	−0·2	+3·1	+3·5	−13·9	+2·2	−8·4	−1·9	+3·6	+8·5	−2·6	+11·5	39·[illegible]
9	+3·8	−6·5	+1·2	−4·7	−0·9	−11·8	−6·2	+7·8	+8·5	−4·1	+8·2	39·[illegible]
10	+4·9	−13·0	−4·1	−2·3	+4·2	−9·3	−6·7	+5·8	+11·8	+7·4	+11·3	38·[illegible]
11	+8·0	−8·7	−7·4	−1·1	+5·2	−3·5	−12·0	+4·5	+5·8	+4·9	+12·0	38·[illegible]
12	+8·2	−8·4	−6·6	+1·7	+1·5	+2·3	−8·8	+2·1	+10·6	−0·2	+5·4	38·[illegible]
13	+5·8	−10·4	−3·9	−0·9	−0·8	+9·2	−10·0	−3·0	+10·0	+3·4	+3·6	37·[illegible]
14	+1·2	−9·0	−4·6	−0·1	+0·4	+5·2	−10·1	−2·4	+5·9	+6·4	+8·5	38·[illegible]
15	+5·4	−5·5	+6·4	−0·7	+2·6	+8·6	−15·7	−0·3	+7·0	0·0	+6·2	39·[illegible]
16	+11·5	−1·8	+5·9	−1·5	−6·5	+2·8	−6·7	+3·6	+11·1	−3·3	+9·1	39·[illegible]
17	+9·3	−0·5	+7·4	+2·7	−4·3	−2·0	−5·3	−6·0	+6·7	+0·3	+9·0	39·[illegible]
18	+0·2	+0·9	+6·0	+6·9	−1·0	−5·7	+0·7	−6·9	+6·0	+5·9	+5·9	38·7
19	+2·2	−2·7	+6·3	+10·9	+4·1	−10·2	−5·0	−5·5	+10·4	+4·9	+3·7	38·5
20	+6·9	−4·9	+6·1	+12·3	+2·8	−10·2	−6·9	−3·7	+10·8	+3·7	+3·9	38·4
21	+6·0	−3·4	+6·2	+4·2	+2·5	−10·0	−6·0	−1·7	+8·2	+9·1	+2·4	39·5
22	+2·4	−3·3	+7·2	+8·0	+3·0	−11·0	0·0	+0·3	+8·5	+5·0	−5·8	40·0
23	−2·3	−8·0	+4·7	+5·8	+4·7	−11·3	+5·4	+1·7	+3·6	+0·6	−2·9	39·8
24	−0·7	−9·3	+1·0	−1·1	+4·4	−7·4	+1·8	+0·4	+4·6	+10·2	0·0	40·2
25	−1·5	−7·3	−0·7	−2·9	+2·0	−6·6	−1·2	+1·4	+5·7	+10·1	+2·1	40·6
26	−0·2	+4·2	−1·4	−6·3	+5·5	−3·9	+1·1	−1·9	+1·3	+9·3	+5·8	40·8
27	+3·0	−1·5	−1·9	−6·8	+4·4	−2·9	+1·1	−6·9	−2·6	+4·8	+3·1	41·3
28	−0·7	+0·5	+2·8	−3·8	+2·3	−1·7	+5·2	−9·5	−6·4	+8·4	−0·5	41·1
Means	+2·4	−4·2	+2·1	+2·1	+2·9	−3·7	−2·7	+1·2	+5·5	+4·0	+5·8	

TABLE XVIII. *Excess or Defect of Temperature on every day in the month of March, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869; *above or below the Mean of that day for all the years.*

MARCH.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	+7·7°	+7·3°	+4·8°	−8·4°	+9·1°	0·0°	−1·6°	+1·1°	+9·5°	−5·9°	+3·0°	−6·6°	+3·2°	+3·5°	−7·4°	−4·7°	+2·1°	−7·9°	+4·8°	−5·7°	+10·5°	−5·4°
2	+8·0	+2·9	+3·7	−8·0	+6·7	+9·2	+0·2	+1·5	+8·9	−2·7	+3·9	−5·3	−1·1	+5·8	−6·0	−0·7	+4·8	−8·0	+1·9	−4·8	+8·7	−1·2
3	+5·1	+3·0	+3·9	−4·3	+4·7	+8·5	−0·8	+7·0	+7·7	−0·1	+0·4	−3·3	−0·8	+2·5	−2·8	−0·2	+10·3	−8·0	+1·8	−7·3	+11·0	−5·1
4	+7·5	+2·5	+4·7	−3·0	−0·3	+10·5	+3·5	+6·9	+10·1	−0·1	+4·6	−1·4	+0·8	−1·0	−5·7	−2·1	+2·4	−8·2	−5·1	−13·6	+6·4	−3·9
5	+3·1	+0·7	−3·1	−0·9	+1·2	+8·7	+0·5	+1·5	+12·1	+0·9	+2·5	0·0	+1·6	−8·0	−5·8	+2·4	−0·1	−5·4	−8·1	−14·1	+4·9	−1·6
6	−0·7	+3·8	−7·2	+0·5	+1·8	+8·3	+0·4	−0·9	+6·5	+3·8	+0·9	−1·3	+1·6	−11·2	−5·0	+4·5	−1·0	−4·0	−4·9	−14·2	+5·3	−3·8
7	+10·8	+5·0	−2·6	+1·8	−2·5	+3·2	−3·1	−3·7	+9·4	+0·5	−0·9	−2·7	+1·5	−10·9	−5·8	+10·8	+7·8	−7·3	−4·8	−7·9	+1·5	−1·5
8	+11·4	+3·6	+11·2	+1·9	+3·5	+5·7	−7·6	−7·5	+10·4	+0·6	−3·0	−0·7	+1·0	−11·5	−4·6	+9·3	+5·6	−4·7	−1·9	−7·0	+0·1	+1·1
9	+14·7	−5·5	+10·9	+2·5	+5·0	+3·4	−3·4	−4·8	+10·7	+1·1	−0·7	+2·4	−2·3	−10·7	−1·6	+7·6	+1·5	−6·8	+6·1	−2·8	+0·6	−5·5
10	+12·9	−1·6	+9·7	−0·1	+9·4	+5·0	−4·1	−4·2	+8·5	+1·4	+3·9	+2·1	−0·7	−6·9	+5·0	+4·9	+2·4	−3·1	−2·7	−1·6	+2·9	−8·7
11	+3·1	+10·4	+9·6	−4·3	+12·0	+4·7	−4·8	−5·9	+5·1	+5·9	+5·4	−1·1	−0·8	−3·3	+0·1	+5·3	+3·9	+1·7	+4·5	−7·8	+2·4	−14·7
12	+1·4	+7·9	+7·3	−3·6	+9·6	+4·9	−1·2	−9·3	+6·5	+3·3	+4·2	−3·6	−1·9	−0·4	−0·4	+6·0	+6·0	+4·5	−2·6	−9·6	−1·8	−4·7
13	−1·5	+7·5	+12·0	−4·3	+3·4	+3·4	−0·6	−10·3	−0·3	+0·4	+3·6	−3·4	+2·2	+3·2	+2·6	+3·7	+4·5	+2·5	−4·0	−22·3	+2·2	−3·3
14	+2·0	+5·7	+9·6	−7·8	+3·7	−0·5	+1·4	−7·8	+1·7	+7·0	+2·1	−3·4	+9·5	+5·9	−0·1	+1·3	+3·6	+7·3	0·0	−17·2	+8·0	−3·5
15	+3·2	−0·8	+11·4	−8·8	+1·0	+6·5	−3·8	−5·5	−0·9	+1·4	+1·0	−4·0	+0·7	+4·8	+0·2	+5·0	+8·1	+8·2	0·0	−12·3	+8·9	+0·1
16	−5·3	−0·3	+12·6	−9·0	+2·9	+11·9	−0·7	−0·1	+0·4	+2·2	−1·9	−5·4	−1·3	+3·3	−4·3	+6·2	+7·5	+5·9	+2·1	−16·0	+2·5	+6·7
17	−6·2	+0·9	+11·5	−3·6	+7·8	+11·1	+5·0	−4·2	−1·0	+4·3	+7·9	−4·5	−2·1	−3·2	−0·3	+7·0	+8·2	+5·3	−3·8	−13·0	−4·4	+4·9
18	−3·0	−6·5	+10·4	+3·9	+10·0	+3·0	+3·0	−3·1	−5·5	−0·7	+10·4	−5·0	−1·5	−8·6	+0·4	+7·1	+4·5	+8·3	−2·5	−7·5	−6·0	+2·9
19	+0·1	−1·6	+4·4	+6·6	+7·5	+3·1	+3·8	−6·5	−6·2	−2·2	+9·2	−6·1	+0·1	−5·0	−3·5	+3·5	+0·3	+4·3	+0·9	−7·6	−7·1	+5·3
20	−1·2	+6·5	+4·0	+8·6	+5·2	+7·0	+1·7	−3·4	−5·5	+3·8	+11·9	−11·0	+1·2	−0·5	−1·9	+1·1	+0·3	+9·5	−4·0	−12·9	−9·1	+6·5
21	−0·7	+8·3	+2·4	+5·6	+10·3	+7·3	+7·2	−5·1	−1·2	+5·7	+6·9	−11·2	−0·9	+6·0	−6·6	+7·6	−1·2	+9·6	−5·3	−4·3	−3·5	+2·9
22	−3·0	+7·6	−1·1	+6·1	+4·0	+0·6	+7·8	−6·7	+2·5	−0·3	+3·5	−11·4	−6·1	+4·3	−2·1	+5·8	−2·8	+11·5	+0·8	+3·2	−1·0	+4·2
23	−3·2	+8·8	−2·5	+2·0	+7·2	−4·0	+3·6	−10·8	+4·6	+1·3	+2·5	−11·1	−8·3	+8·0	−3·8	+7·7	−5·4	+8·8	−2·3	+4·4	+3·6	+2·1
24	−4·1	+8·1	−4·4	−5·2	+9·4	−4·9	−2·5	−5·5	+0·8	−1·9	+2·6	−10·4	−0·9	+7·6	−6·5	+4·2	−1·4	+10·9	+0·3	+2·4	+0·4	+1·3
25	−2·6	+3·4	−7·2	−5·9	+9·9	+0·1	−2·0	−4·3	−4·2	−3·7	+0·9	−5·9	+0·4	+2·6	−6·8	+5·9	+3·5	+3·9	+4·6	+6·3	+2·4	+5·1
26	−6·9	−0·7	−4·3	−0·3	+11·3	+8·1	+2·4	−5·0	−2·7	−2·6	−5·0	−6·0	−9·8	+1·0	−8·1	+11·0	+1·1	+0·4	+8·7	+5·9	+2·5	+7·1
27	−7·0	+1·2	+1·5	−1·5	+9·6	+9·4	+3·5	−8·1	+5·3	+0·2	−3·0	−8·1	−0·9	+5·0	−6·9	+3·6	+1·9	−3·9	+6·7	+8·9	−0·1	+6·4
28	−1·6	+5·7	−4·5	−0·7	+6·9	+6·4	−3·8	−1·9	+1·5	−4·4	−4·4	−3·0	+1·6	+0·4	−6·0	+2·3	+8·8	−3·9	+4·5	+3·9	−3·4	−0·9
29	−0·8	−1·2	−5·6	+0·3	+8·8	−2·5	+0·2	+0·5	+0·4	−5·2	−0·7	−1·4	+5·5	−1·9	−1·6	+5·6	+9·0	−0·5	+2·1	+0·3	+0·6	−5·5
30	−6·1	−0·5	−6·2	−0·8	+5·8	−1·6	+3·3	−1·2	+0·8	−6·1	+3·8	−6·3	+5·9	−4·1	+2·2	+4·1	+5·3	+4·8	+3·2	+1·8	−2·1	−6·7
31	−6·9	−0·4	−4·6	−6·2	+3·7	−0·4	+1·2	+1·5	−2·1	+5·3	−1·6	−8·4	−1·2	−0·6	−0·7	+3·4	+6·7	+7·3	+3·5	+2·7	+5·2	−10·4
Means	+1·0	+3·0	+3·0	−1·5	+6·1	+4·4	+0·3	−3·5	+3·0	+0·4	+2·4	−4·8	−0·1	−0·8	−3·0	+4·5	+3·5	+1·4	+0·1	−5·5	+1·7	−1·0

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years
1	−1·5°	+2·4°	+5·2°	−3·3°	+0·7°	−8·8°	−3·6°	+4·6°	+0·5°	+2·4°	−9·4°	+4·6°	−1·5°	+3·3°	−4·2°	+1·8°	−1·3°	+3·9°	−9·4°	−2·8°	+2·8°	+2·5°	41·1°
2	−0·8	+1·2	+6·7	−5·6	−4·7	−5·0	−4·7	+4·8	−0·1	+3·3	−10·9	+5·4	−1·3	+3·4	−12·6	+6·3	−3·0	+1·0	−10·0	−10·5	+6·7	−0·1	42·3
3	−1·8	+5·6	+3·5	−3·9	−8·4	−8·1	−4·6	−1·6	−1·8	−0·7	−10·8	+9·4	+0·5	+3·4	−9·5	+10·7	−3·5	−4·0	−7·8	−5·0	+8·9	−5·1	41·8
4	−2·1	+6·9	−5·2	+1·4	−9·3	−3·1	−3·3	−1·9	−3·1	+1·7	−7·8	+14·2	+1·4	−1·2	−11·7	+5·5	+7·6	−2·5	−5·9	−0·7	+10·5	−6·7	41·3
5	−1·2	+4·9	−2·5	+2·8	−8·5	+3·5	−2·3	−0·9	−1·5	−1·8	−7·0	+10·3	−1·6	+3·5	−5·3	+8·7	+2·5	−0·9	−8·8	−2·1	+9·3	+4·2	41·0
6	−1·3	+2·3	+3·0	−0·7	−6·2	+8·1	−7·2	−2·8	−2·2	+5·3	−5·0	+10·4	0·0	+5·9	+10·6	+6·0	+5·8	−7·0	−5·8	−6·0	+3·3	+0·3	41·2
7	−1·1	+5·5	+3·9	−1·9	−1·3	+4·5	−1·7	−5·7	−7·7	+3·0	−3.2	+10·8	−6·5	+5·1	+12·3	+1·5	+5·9	−6·0	−5·2	−7·7	+4·1	−6·9	41·2
8	+2·4	+0·4	+3·7	−1·1	+0·3	+1·4	+9·2	−6·8	−3·1	−3·5	−7·5	−0·2	−7·6	+6·9	+8·9	+0·4	+0·2	−3·6	−1·7	−6·9	−0·9	−8·2	41·3
9	+7·3	−5·9	−0·4	+0·7	+1·0	+3·1	+13·9	−8·0	−1·8	−6·2	−6·1	−4·3	−8·1	+1·7	+7·8	−3·5	−7·5	−1·5	−2·3	−1·5	+2·4	−2·1	40·6
10	+3·1	−5·3	+3·1	−3·1	−2·2	+4·3	+8·1	−10·8	+1·5	−5·8	−5·1	−2·6	−9·1	+5·7	+7·8	−3·6	−3·6	−6·6	−2·2	−2·6	+1·7	−5·6	40·7
11	+1·1	−0·9	−3·8	−2·2	−1·1	+2·7	+8·5	−8·5	−8·2	−7·2	−9·8	+5·7	−3·7	+0·9	+6·5	−4·6	+4·9	−4·6	−4·6	−2·3	+4·3	−5·6	41·2
12	−2·2	+7·6	−4·3	−1·8	−3·2	+1·5	+4·9	−2·7	−6·4	−4·9	−6·9	+11·6	−3·1	−0·5	+6·4	−5·2	+0·7	−3·9	−2·1	−8·1	+5·6	−6·0	41·7
13	−2·6	+6·8	+0·3	−0·8	−2·6	+6·3	+10·8	−2·8	−6·5	−3·5	+0·3	+9·1	−3·4	−5·3	+4·7	+1·0	+4·0	−3·0	−4·1	−11·3	+8·1	−7·4	42·6
14	−3·9	+3·0	−0·8	−0·6	−2·5	−0·2	+6·8	−3·7	−6·6	+2·9	+1·7	+7·2	−3·5	−1·4	0·0	−2·4	+6·5	−6·1	−9·4	−11·4	+5·0	−7·4	43·0
15	+0·6	+7·3	−6·6	−3·8	−2·9	−0·4	+5·6	−3·0	−4·7	+0·8	+2·8	+3·0	−4·1	+2·8	+1·0	−1·5	+3·9	−7·2	−2·8	−8·7	+1·3	−6·5	42·5
16	−3·0	+5·4	−6·7	−0·4	+1·2	−6·3	+5·4	+0·5	+1·0	+1·0	+8·3	+5·6	+0·9	−4·0	−1·0	−2·3	−3·0	−8·0	+3·9	−12·0	+3·0	−8·3	43·3
17	−2·7	+2·2	−9·5	−1·7	−0·9	−11·7	−2·3	0·0	−0·9	+2·4	+7·2	+6·8	+8·0	−3·5	+1·1	−3·4	−7·5	−3·1	+2·5	−10·1	+4·3	−4·9	41·9
18	+0·4	+1·0	−6·7	+2·2	−3·7	−14·0	+1·1	+0·2	+3·6	+9·8	+6·6	+0·3	+5·7	−0·8	+0·5	−2·7	−3·0	−5·1	+2·0	−9·1	+0·5	−1·6	41·9
19	−0·7	+0·9	−0·1	+4·5	−1·8	−11·6	−3·5	+2·6	+3·5	+8·9	+8·7	−1·8	+3·2	+0·2	+0·3	−2·3	+0·9	−7·8	+0·7	−8·3	−0·4	+0·6	42·8
20	−0·5	−3·7	−2·3	+6·7	−1·3	−8·1	−4·2	+1·8	+3·5	+1·8	+8·8	+3·8	+4·1	−1·5	−7·2	+7·1	−3·6	−13·2	−3·4	−7·9	+3·5	−4·4	43·0
21	−3·1	−0·7	−2·8	+5·7	+2·9	−7·5	−2·5	−3·5	+0·2	−8·3	+4·7	−1·7	+0·9	−4·3	−6·5	+2·2	+0·7	−10·8	−5·8	−5·9	+8·1	−3·0	42·7
22	+3·1	−2·2	−2·0	+3·3	+9·6	−8·4	−0·9	−8·3	−1·3	−6·4	+0·9	−2·4	−2·2	−0·2	−5·4	+4·7	−0·9	−7·0	−4·6	−3·0	+6·1	−2·3	42·7
23	+9·1	−3·1	−5·3	+3·6	+4·8	−10·3	−0·1	−8·6	−2·6	−5·7	+5·7	+4·5	−1·8	+3·2	−2·3	+8·0	−3·5	−7·9	0·0	+8·4	−1·5	−6·5	42·6
24	+4·3	−6·7	−8·3	+3·5	+3·9	−12·2	+0·1	−9·6	−3·7	−0·6	+10·0	+6·8	−0·6	+7·2	+8·4	+7·6	−6·1	−8·9	+4·1	+8·6	−5·0	−3·0	42·4
25	+2·9	−5·3	−11·4	+5·1	−1·4	−11·5	−0·6	−7·9	−3·6	−0·6	+2·1	+8·9	−0·8	+1·5	+11·9	+5·9	−3·9	−5·8	+3·2	+7·5	−1·8	−1·6	42·4
26	+4·6	−4·5	−10·0	+2·6	−3·0	−10·8	+4·6	−5·6	−5·6	+1·1	−1·9	+6·0	−4·5	+5·1	+5·6	+6·5	−4·6	−8·6	+4·0	+6·5	+5·4	−1·6	42·9
27	+5·2	−4·0	−12·2	+5·8	−7·2	−4·6	−1·0	−4·8	−6·8	+0·3	0·0	+6·0	−0·4	+5·7	+6·3	+2·4	−7·1	−11·3	+5·0	+1·9	+3·5	−8·8	44·4
28	+5·4	−3·1	−9·9	+4·1	−6·4	−6·2	+4·9	−8·1	−6·0	+2·3	+1·8	+5·1	+6·9	+2·1	+3·0	+8·4	−2·7	−8·7	+6·4	+1·7	−0·4	−7·8	44·5
29	+3·7	−2·7	−5·2	+1·9	+4·9	−7·0	+3·5	−8·4	−8·7	+3·7	+2·4	+4·0	+6·8	+1·4	+0·7	+6·3	−5·9	−8·8	+12·3	−0·8	−1·3	−7·6	44·0
30	+8·1	+2·0	+0·7	+1·6	+7·2	−0·7	+4·8	−6·5	−7·2	+4·2	+7·0	−8·2	+4·0	−2·0	+3·6	+2·8	−5·1	−6·3	+6·3	−3·3	−4·0	−7·0	44·4
31	+10·8	+3·0	+1·4	−2·7	−0·9	+3·6	+0·4	−6·6	−4·0	+2·0	+8·9	−10·4	+2·6	−3·2	+3·6	0·0	−0·9	−0·1	+3·8	−3·4	+0·1	−4·3	45·1
Means	+1·4	+0·7	−2·7	+0·7	−1·4	−3·8	+1·6	−4·0	−2·9	+0·1	−0·0	+4·0	−0·6	+1·4	+1·5	+2·3	−1·0	−5·6	−1·3	−3·8	+3·0	−4·3	

TABLE XIX. *Excess or Defect of Temperature on every day in the month of April, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869; *above or below the Mean of that day for all the years.*

APRIL.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840
1	−2·4°	−0·2°	+0·7°	−5·9°	−8·2°	−2·6°	+1·3°	+3·7°	+0·9°	+8·9°	−6·6°	−6·4°	−10·4°	−4·1°	−0·8°
2	+3·3	+6·7	−3·9	−11·3	−9·3	−3·2	+2·3	+4·7	+3·0	+13·7	−5·9	−4·6	−7·6	−7·4	+1·1
3	+7·4	+4·5	−7·2	−6·7	−12·1	−0·2	+6·2	+4·8	−1·1	+9·2	−7·0	−7·5	−4·8	−13·5	−6·0
4	+7·2	+4·3	−7·6	+0·9	−12·1	−3·3	+7·6	+4·3	+1·1	+5·4	−8·6	−7·2	+2·7	−13·0	−4·4
5	+5·7	+6·2	−6·3	+2·8	−8·2	−0·8	+10·0	+2·6	+2·4	+1·3	−2·6	−8·8	+3·7	−11·9	+0·1
6	+7·2	+10·6	−1·9	+1·0	−2·4	+0·7	+1·2	−0·7	−0·9	+2·4	−2·4	−9·1	+6·2	−13·6	−3·4
7	+7·1	+7·1	−3·0	−3·9	+3·3	+7·3	−2·8	−2·5	+1·8	+2·1	−3·9	−9·1	−1·0	−9·4	−4·1
8	+10·2	+5·5	+0·5	−3·4	+10·9	+1·1	−0·6	−1·4	−2·9	+9·0	−0·7	−9·3	−3·1	−10·1	−5·8
9	+8·5	+8·5	+2·5	−2·9	+10·2	+7·9	+0·5	+3·0	−4·6	+11·7	−3·0	−10·2	−3·5	−7·8	−5·4
10	+4·5	+6·4	−1·5	−1·4	+3·3	+6·2	−0·8	+2·0	−5·8	+4·5	+1·2	−13·0	+7·4	−5·9	−2·7
11	+5·9	+3·1	+5·3	+3·1	+4·4	+5·5	−0·1	−3·5	−5·1	−3·5	−3·0	−11·1	+10·3	−4·0	+1·2
12	+1·7	+2·3	+7·8	+5·3	+4·3	+8·7	−1·7	−4·1	−7·2	0·0	+0·3	−9·9	−0·6	−3·7	−0·9
13	+5·8	+2·5	+6·7	+2·4	+2·0	+11·6	−0·1	+0·2	−6·3	+3·7	+3·5	−9·6	−3·2	−2·7	+0·3
14	+7·5	+2·0	+5·5	+5·0	+6·3	+2·0	+1·2	−7·1	−6·0	+1·8	+2·9	−9·2	−0·7	+0·9	+2·1
15	+10·4	+4·5	+3·0	+1·4	+7·9	+4·9	+4·1	−5·4	−2·6	−1·7	−3·1	−6·3	+0·6	−0·5	+2·0
16	+3·9	+1·5	+3·1	−6·7	+9·0	+6·9	+2·2	−7·1	−1·8	−10·4	−2·4	−11·4	−11·3	+3·1	+4·7
17	0·0	+1·5	+2·6	+2·1	+5·3	+1·4	+0·2	−7·4	+0·8	−10·8	−3·8	−6·1	−8·6	−1·8	−0·5
18	+1·8	−2·1	+1·8	+3·1	+6·4	−1·2	+3·6	−7·6	+1·0	−5·0	−2·1	−7·0	−10·2	+2·6	+0·8
19	+7·2	0·0	+3·0	−2·6	−2·0	+1·2	−2·1	−2·4	+3·6	+0·3	+2·1	−4·0	−11·9	+1·7	−1·1
20	+2·0	−1·7	−0·3	−3·8	+2·2	+0·4	−2·2	−4·1	+1·0	+3·0	+1·0	−5·3	−10·9	−5·5	+5·1
21	+5·8	−3·2	−4·5	+1·6	+4·2	+1·0	+0·6	−4·2	−3·8	+3·1	+1·9	−8·8	−9·6	−0·2	+4·4
22	+10·1	−8·0	−3·8	−5·3	+5·4	+6·0	+3·7	+1·6	−2·3	+2·8	+2·5	−4·4	−9·0	+3·7	+10·0
23	+0·4	−10·5	−1·3	+0·9	+3·9	+4·5	+6·9	+4·1	−1·3	+1·8	0·0	−4·7	−2·9	−1·8	+7·0
24	−3·4	−9·1	+3·6	−2·5	+3·2	+5·2	−2·8	+1·2	−4·3	+3·9	−4·6	−2·6	−4·1	−6·5	+10·9
25	−6·0	−8·6	+2·5	−10·1	+1·7	+6·5	−2·0	−6·9	−1·9	−1·7	+1·0	+0·9	−3·9	−3·0	+12·0
26	−2·8	−7·8	+1·4	−4·8	+5·7	+5·7	−6·3	+3·8	−2·7	−8·2	−3·1	+2·3	−6·0	−3·2	+10·8
27	−7·0	+0·7	+5·2	−2·4	+6·0	+5·7	−4·5	+5·8	+8·7	−9·5	−7·1	−3·9	−8·1	+1·5	+11·2
28	−11·1	+4·9	+10·2	−5·3	+10·8	+0·5	−4·9	+0·3	+8·3	−3·9	−5·3	−0·8	−7·3	+1·7	+11·0
29	−9·4	+9·7	+16·1	−10·5	+12·1	+5·9	+0·1	−5·4	+7·2	−6·2	−10·7	+0·6	−7·2	+3·2	+10·7
30	−6·9	+15·0	+8·2	−7·9	+11·1	+6·5	+2·0	−2·7	+2·4	−3·7	−9·6	+2·1	−2·8	+6·2	+8·4
Means	+2·5	+1·9	+1·6	−2·3	+2·8	+3·4	+0·8	−1·0	−0·6	+0·8	−2·6	−6·1	−3·9	−3·5	+2·6

Day of the Month	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
1	+1·4°	−2·6°	+8·3°	+2·7°	−2·1°	+7·8°	−9·5°	+10·7°	+2·1°	+7·7°	+2·7°	−2·9°	+3·6°	+6·5°	−7·0°
2	−3·0	−6·0	+7·5	+6·1	+0·4	+4·7	−10·8	+11·9	+0·4	+6·9	+1·6	−5·7	+1·4	+3·8	−10·4
3	−3·7	−6·3	+7·2	+7·9	+2·7	−0·7	−8·6	+12·3	−1·4	+6·1	+1·9	−6·8	+2·2	+2·2	−2·3
4	−0·6	−5·5	+4·7	+7·6	+4·2	−1·5	−4·4	+12·0	−1·3	+4·2	−2·0	−6·4	+7·8	−1·6	−5·4
5	−1·7	−6·4	−0·1	+1·2	−2·9	−0·7	−0·2	+5·1	−1·2	+0·4	−7·1	−2·3	+5·2	+3·2	−4·2
6	−3·7	−2·9	+3·9	+1·6	−5·3	−4·2	+0·6	−4·3	−2·7	+2·5	−9·4	−0·1	+5·8	+1·0	+4·5
7	−3·1	−1·3	+5·8	−0·2	−5·2	−4·5	+1·5	−5·3	−3·4	+7·0	−7·9	−3·3	+2·5	+4·9	+1·4
8	−3·6	−4·5	+2·0	+0·6	−6·0	−1·2	+2·8	−6·4	−1·0	+5·4	−3·9	−3·4	−4·2	+8·0	0·0
9	−1·9	−1·8	−4·0	+5·9	−5·5	−1·5	0·0	−3·9	+0·3	+3·8	−5·5	−3·1	−4·2	+4·1	+3·1
10	−1·5	−4·3	−8·4	+3·7	−6·2	+2·6	−0·8	−4·7	−3·1	+2·9	−4·0	−2·6	+0·7	−2·4	+0·1
11	−5·6	−5·1	−10·0	+3·5	−7·1	+2·9	−1·1	+1·5	−5·7	+3·3	−4·8	−0·5	+3·4	+3·7	+2·0
12	−9·5	−6·1	−9·2	+4·4	−3·3	+8·6	+7·0	+4·9	−3·9	+3·8	−2·2	−0·7	−1·1	+3·7	+4·4
13	+1·6	−5·7	−9·8	+5·5	−0·2	+4·2	−3·7	+3·8	−3·9	+2·6	−4·0	+2·1	−6·9	+3·3	+1·8
14	+1·6	−3·6	+0·5	+3·6	−2·0	+4·1	−6·5	−4·6	−4·3	+2·7	−3·7	+6·5	−4·3	0·0	+2·5
15	−2·2	−4·8	+4·4	+6·7	−6·0	+3·4	−7·6	−1·3	−6·0	+2·2	−3·6	+1·0	−2·1	+3·0	+5·9
16	−3·6	−1·7	+5·2	+5·2	−3·5	+5·0	−9·0	+3·5	−5·1	+0·4	+0·9	−5·0	+1·1	+3·7	+8·9
17	+0·8	−2·7	+5·9	+7·1	+1·6	+2·4	−9·9	+1·7	−11·8	+2·1	+4·7	−4·1	+4·2	−0·2	+5·6
18	+3·0	−4·2	+6·8	+0·6	−3·2	−4·5	−5·4	−0·9	−8·4	+1·7	+6·0	−4·6	+7·1	+5·5	−1·3
19	−2·7	−3·6	+2·7	+5·2	−1·5	−3·9	−4·3	+1·7	−13·3	+4·7	+1·8	−9·0	+1·6	+12·3	+0·9
20	−2·5	+0·7	+9·3	+8·3	+3·2	−6·2	−2·9	+2·6	−12·6	−0·6	+6·2	−4·1	−3·1	+14·1	−0·8
21	−3·4	+1·4	+5·4	+8·1	+2·7	−5·9	+0·5	+0·1	−11·0	−0·4	+5·1	0·0	−2·7	+10·2	−7·4
22	−2·4	+1·6	−0·2	+7·2	−2·0	−1·8	−4·9	−1·3	−6·1	−1·7	+0·9	+6·1	−4·9	−2·7	−8·1
23	−6·5	+7·2	−0·7	+5·7	+4·3	−2·1	−3·8	+1·6	−5·1	−5·1	+2·7	+6·0	−5·9	−8·4	−6·5
24	+1·4	+12·0	−2·3	+3·8	+6·5	−2·5	−3·0	−4·3	−0·7	−3·1	+2·6	−4·8	−6·7	−8·5	+4·9
25	+5·0	+8·8	−4·8	+5·8	+8·7	+1·2	−1·6	−7·9	+2·9	−1·0	−0·9	−4·3	−12·1	−4·4	−7·9
26	+9·1	+3·5	−5·6	+9·2	+4·5	−8·4	+0·2	−6·8	−2·1	+1·0	−1·1	+0·3	−7·9	−2·3	−4·7
27	+14·6	+3·4	−2·3	+2·1	+3·4	−4·6	+2·9	−3·9	+1·3	−4·1	−7·4	−5·6	−4·8	−2·3	−4·6
28	+11·5	+8·2	−2·1	+0·4	+5·4	−5·1	+0·8	−7·0	−2·1	−4·8	−6·9	+3·3	−1·9	−4·2	−3·0
29	+7·3	+6·7	+1·0	+0·5	+7·6	−2·5	−1·7	−6·3	+4·7	−2·6	−5·9	+5·5	−4·7	−5·8	−4·4
30	+4·9	+7·5	+7·7	+1·3	+5·0	+1·6	−4·9	−2·7	+4·7	−2·7	−6·8	+5·0	−2·6	−2·6	−5·2
Means	0·0	−0·6	+1·0	+4·4	−0·1	−0·4	−2·9	+0·1	−3·3	+1·5	−1·7	−1·4	−1·1	+1·6	−1·2

Day of the Month	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	+6·4°	+3·9°	−6·1°	−7·7°	+0·4°	−2·2°	+7·3°	−1·3°	−0·7°	+0·5°	−2·7°	+7·4°	+2·8°	−4·9°
2	+7·5	+4·0	−2·7	+2·2	−5·9	−2·0	+6·6	−0·9	−2·8	−1·3	−2·9	+8·5	+1·9	−1·8
3	+2·9	+2·9	+5·7	+7·3	−2·1	−1·0	+3·4	+0·5	−0·7	−0·8	−3·3	+7·0	+4·1	−5·6
4	+0·6	+3·5	+0·5	+9·4	−3·0	−1·3	+2·4	+0·7	+8·5	−2·9	−4·4	+3·6	+1·6	−7·1
5	+0·8	+9·5	−4·8	+9·2	+0·1	−4·8	+3·7	−3·4	−9·4	+3·8	−1·0	+4·0	+5·6	+0·3
6	−4·2	+5·7	−6·6	+12·4	−2·7	−4·7	+3·6	+3·0	−4·0	+6·2	0·0	+5·8	+6·9	−3·5
7	−1·3	+4·4	−6·6	+14·9	+2·0	−4·6	+0·3	−1·5	−2·2	+7·2	−4·0	+2·8	+6·8	+5·6
8	−0·2	+2·8	−0·8	+7·4	+4·6	−8·0	−3·8	+1·8	+0·3	+5·8	+0·9	+0·8	−1·9	+6·8
9	−0·1	+3·0	−7·6	+6·3	−4·2	−7·0	−1·5	+7·4	+7·1	+4·4	−3·3	+2·7	−5·5	−1·0
10	+4·9	+5·0	−5·3	+2·5	−7·1	−5·9	−0·5	+8·5	+7·5	+9·0	+0·7	+1·3	−6·4	+8·0
11	+6·3	−5·6	−1·8	+0·5	−6·7	−1·1	−5·8	+6·3	+4·9	+3·1	+3·4	+0·2	−5·2	+12·4
12	+4·4	−4·4	−4·6	−2·9	−6·0	+3·7	−15·2	+5·8	+2·3	+5·2	+6·2	+0·6	−10·0	+11·1
13	+5·8	−5·7	−5·8	−6·6	−5·8	+0·6	−10·9	+4·1	−8·5	+8·3	+6·6	+3·8	−2·5	+11·1
14	+2·4	−7·5	+1·0	−3·4	−8·4	−2·3	−8·6	+1·7	+0·3	+4·2	+1·4	+2·2	−4·3	+15·3
15	−1·3	−8·7	+7·1	−9·0	−1·4	−3·1	−15·1	+0·9	+8·0	−1·3	+3·5	+3·0	+0·5	+5·3
16	−5·0	−7·6	+12·0	−11·0	−1·0	+1·1	−1·8	+5·2	−2·3	+9·0	+2·1	+2·0	+4·2	+1·5
17	−3·4	+0·9	−0·5	−10·2	−2·6	+1·1	+0·3	+7·6	+1·5	+8·3	+2·8	+6·6	+5·7	−0·9
18	−1·9	+7·2	0·0	−10·3	−2·7	−0·6	+3·0	+3·7	+1·0	+6·8	+3·6	+8·1	+0·7	−2·6
19	−7·1	+6·8	+0·6	−9·2	−10·3	−4·8	+5·7	+1·4	+8·2	+6·0	+5·2	+9·7	+2·8	+0·7
20	−4·6	+3·6	+2·8	−6·4	−7·9	−6·4	+6·5	+4·1	+7·7	+2·2	−1·2	+2·2	+2·7	+0·6
21	−3·9	+2·3	+7·3	−6·4	−11·0	−9·0	−0·5	+1·9	+8·7	+9·3	+4·3	−3·0	+5·2	+5·2
22	−4·0	−3·4	+9·4	−7·0	−11·4	−2·6	+3·2	+3·6	+2·8	+10·7	−1·8	+2·3	+5·2	+1·3
23	−1·3	−9·6	+8·6	−3·0	−6·8	−4·5	+2·8	0·0	+1·9	+6·7	−2·2	+6·0	+4·3	+5·3
24	−2·2	−7·2	+6·2	−0·8	−11·1	+1·3	+7·9	+0·1	+0·2	+5·6	+1·4	+5·2	+3·4	+6·4
25	+7·7	−8·2	+1·9	+2·0	−3·9	+0·5	+10·4	+5·4	−0·5	+2·6	+6·4	−0·7	0·0	+8·1
26	+3·8	−9·7	−1·2	+4·4	−6·5	−0·1	+6·0	+3·0	+0·7	+10·2	+10·6	−0·1	+1·3	+4·5
27	−8·8	−8·4	−1·2	−2·3	−6·8	−16·8	+4·8	+6·3	+1·3	+14·8	+14·9	+2·0	+1·8	+10·2
28	−6·3	−10·1	+2·1	−0·5	−5·2	−8·9	+4·9	+0·6	−4·5	+8·3	+8·4	+0·7	+0·1	+7·0
29	−5·4	−4·9	+1·2	+5·5	+0·4	−9·3	+7·6	−5·3	+2·7	−5·4	−7·0	+1·8	+5·3	−2·0
30	−7·4	−7·2	−3·5	−6·8	+0·5	−1·1	+7·6	−8·6	−1·1	−9·6	−9·6	+1·4	+6·2	−0·2
Means	−0·5	−1·4	+0·2	−0·6	−4·4	−3·5	+1·1	+2·1	+1·3	+4·6	+1·3	+3·3	+1·4	+3·2

TABLE XX. *Excess or Defect of Temperature on every day in the month of May, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years 1826–1869; above or below the Mean of that day for all the years.*

MAY.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837
1	− 7.8°	+12.4°	+4.8°	+1.1°	+ 3.7°	+ 3.1°	−4.5°	+ 0.5°	+ 0.9°	−5.3°	−5.0°	+ 3.0°
2	− 2.7	+ 5.8	+2.0	+1.8	+ 4.2	+ 1.2	+1.7	+ 2.9	+ 4.4	−4.4	−3.8	+ 2.1
3	− 8.6	+ 8.5	+2.5	+0.9	+ 2.4	+ 3.6	+0.5	+ 6.4	+ 4.5	−3.3	−3.8	+ 2.3
4	− 7.9	+ 6.6	+2.5	+0.3	+ 2.1	+ 2.1	−7.5	+13.2	+16.2	−2.2	−3.1	− 3.1
5	− 7.3	+ 2.0	−0.3	+2.6	+ 8.7	− 5.6	+2.3	+ 8.4	+ 7.5	+2.2	−4.3	− 5.6
6	−10.1	− 0.4	+0.2	+0.3	+13.5	−12.8	+6.1	+ 5.2	+ 9.8	+0.3	−3.1	− 6.1
7	− 7.5	− 3.8	+1.8	−1.4	+11.0	− 8.5	+9.7	+ 3.5	+ 9.2	−1.3	−0.4	− 2.2
8	− 3.6	− 8.8	+0.1	+1.6	+ 6.1	− 8.5	+3.8	+ 6.0	+11.4	+5.4	−1.8	− 5.1
9	− 1.0	− 6.3	+1.2	+2.1	− 1.1	− 3.5	−8.7	+12.7	+10.4	+7.1	−2.8	−11.3
10	+ 1.4	− 2.8	+2.9	+5.1	− 3.1	− 5.3	−9.6	+ 7.2	+ 6.4	+3.0	−3.5	−10.9
11	− 0.6	− 1.8	+5.4	+3.9	− 5.2	− 3.8	−4.5	+ 8.3	+10.3	+4.2	+2.1	− 5.5
12	− 2.9	− 3.8	+5.2	+1.8	− 1.3	− 0.5	−8.7	+13.1	+ 6.2	+2.6	+2.9	− 7.3
13	− 5.2	− 2.1	+4.7	+2.7	− 5.1	+ 1.3	−8.0	+ 7.4	+ 3.9	+1.8	+4.7	− 5.0
14	− 4.5	− 1.3	+5.0	+5.3	+ 0.5	− 4.6	−5.7	+10.2	+ 5.5	−4.5	+3.7	− 2.9
15	− 3.9	+ 1.8	+7.0	+6.5	+ 1.5	− 3.0	−7.8	+16.9	+ 6.9	−1.2	+4.5	− 4.6
16	+ 2.4	+ 3.6	+6.9	−1.1	+ 4.2	+ 0.7	−7.3	+12.4	+ 3.5	−2.5	+2.9	− 6.7
17	+ 5.6	+ 6.1	+6.6	+1.2	+ 8.2	+ 4.4	−8.1	+15.4	− 5.0	+2.1	+3.9	+ 3.6
18	+ 7.6	+ 4.4	+2.6	+0.5	+ 7.0	+ 5.7	−5.6	+ 8.1	− 4.1	+6.8	+3.7	− 8.5
19	+ 5.2	+ 6.3	+2.4	+1.8	+ 5.3	+ 3.3	−1.2	+ 3.8	− 2.3	+5.4	−3.8	−12.3
20	− 0.1	+ 4.2	−0.3	+3.8	+ 3.6	+ 6.0	−0.2	+ 3.6	− 0.4	−0.8	+2.3	−11.4
21	+ 1.7	+ 8.3	+0.7	+0.4	+ 2.5	+ 3.7	+3.9	+ 7.0	+ 2.5	−4.7	−2.5	−13.7
22	+ 5.5	+ 5.7	−2.8	+1.9	+ 2.1	+ 3.2	+2.3	+ 7.2	+ 1.7	+4.2	−4.6	−12.7
23	+ 4.6	+ 2.2	+2.2	+5.0	+ 5.4	+ 7.3	+2.3	+ 7.3	+ 3.3	+4.3	−4.3	−11.2
24	+ 2.9	− 2.8	+3.4	+1.0	+ 6.2	+ 6.8	+4.2	+ 7.5	+ 3.6	+5.5	−6.2	−10.0
25	− 1.0	− 2.7	+1.4	−3.2	+ 2.8	+ 6.0	+5.1	+ 9.6	− 3.7	0.0	−5.4	− 3.8
26	+ 0.5	+ 0.5	+4.8	+0.1	+ 0.4	+ 4.3	+4.2	− 1.2	− 3.9	−4.5	−5.4	− 3.6
27	+ 2.7	+ 2.8	+1.2	+1.2	− 0.6	− 0.7	−0.9	+ 0.4	− 1.6	−5.6	−6.3	− 2.3
28	+ 1.6	+ 4.5	+3.9	+2.1	− 2.2	+ 2.8	+4.2	+ 3.0	− 5.3	−6.3	−3.0	+ 1.8
29	− 4.6	+ 1.8	+3.0	−0.5	− 0.5	− 2.9	+1.3	− 1.0	+ 3.0	−7.0	−3.1	+ 3.0
30	− 5.0	+ 5.6	+6.3	−6.3	− 2.5	− 0.5	+2.5	− 3.4	+ 0.8	−7.1	−0.6	− 2.6
31	− 3.1	+ 1.6	+1.7	−0.7	− 1.5	− 1.1	−4.1	+ 2.0	− 0.5	−3.6	+1.4	+ 0.9
Means	− 1.5	+ 1.9	+2.9	+1.4	+ 2.5	+ 0.1	−1.2	+ 6.6	+ 3.4	−0.3	−1.4	− 4.9

Day of the Month	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849
1	+ 4.7°	+ 6.9°	+4.9°	+ 7.2°	+7.2°	+ 5.2°	+ 3.6°	+ 5.1°	+ 2.6°	− 1.0°	− 2.8°	− 1.2°
2	+ 8.4	+ 9.1	+5.1	+ 8.1	+1.3	+ 3.3	+ 4.7	− 1.0	+ 6.0	− 5.2	− 3.2	+ 3.2
3	+ 6.6	+ 4.2	+6.2	− 5.9	+4.7	+ 1.2	+ 2.4	− 3.3	+ 8.2	− 6.7	+ 1.0	+ 7.0
4	+ 6.5	+ 8.4	+4.5	+ 6.7	+1.7	+ 3.7	+ 0.9	− 2.8	+ 5.8	− 4.0	+ 4.4	+11.1
5	+ 2.6	+ 9.1	+5.5	+ 3.7	+2.2	+ 1.7	+ 4.6	− 6.0	+ 3.9	− 4.2	+ 5.4	+ 6.9
6	− 3.0	+ 3.5	+5.1	+ 1.7	0.0	−10.7	+ 4.3	− 7.5	+ 1.5	− 2.4	+ 6.4	− 0.3
7	+ 5.7	+ 2.3	+6.9	+ 4.3	+0.8	− 6.2	+ 5.8	− 8.5	+ 2.8	+ 4.6	+ 8.1	− 6.1
8	+ 8.2	+ 6.3	+8.3	+ 1.5	+0.1	− 7.4	+ 5.0	− 9.4	+ 3.6	+ 1.9	+ 5.5	− 5.5
9	+ 7.6	− 4.8	+7.5	+ 4.0	−5.8	− 4.9	+10.0	− 5.0	+ 8.3	+ 3.3	+ 7.0	− 5.5
10	− 6.8	− 5.3	+8.4	+ 5.4	−3.1	− 2.8	+ 1.7	− 5.3	+ 2.6	+ 9.5	+ 5.5	− 6.3
11	− 5.8	− 5.7	+0.4	+ 9.2	+2.4	− 3.9	+ 3.8	− 3.5	+ 0.5	+ 1.5	+10.7	− 8.6
12	− 1.1	− 5.9	+1.8	+ 4.3	−6.3	+ 3.8	+ 4.2	− 2.3	+ 5.2	+ 2.8	+ 9.2	− 1.5
13	− 6.7	− 3.0	+4.6	+ 3.1	+1.6	+ 1.2	+ 7.7	− 0.9	+ 5.4	+ 3.5	+ 9.4	+ 0.3
14	− 7.8	−12.7	+5.1	− 0.5	+2.7	+ 6.7	+ 4.4	− 2.7	− 2.5	+ 2.7	+12.3	+ 3.7
15	−11.6	−12.9	+0.1	+ 4.0	+2.3	+ 2.1	− 3.3	+ 1.7	− 3.3	+ 3.9	+11.6	+ 2.0
16	−11.1	−11.4	+0.9	+ 4.7	+1.7	− 0.2	− 1.3	− 1.0	− 1.8	+ 2.4	+ 9.9	+ 3.1
17	− 7.7	− 6.4	−1.1	+ 1.5	−0.5	− 2.0	− 7.3	− 8.1	− 5.3	+ 2.7	+ 8.5	+ 1.0
18	− 7.1	+ 1.7	−0.8	+ 1.5	−0.9	− 8.6	−11.3	− 6.3	− 1.9	+ 3.0	+ 2.4	+ 0.4
19	− 2.0	+ 4.0	−6.0	− 3.4	−2.8	− 3.9	− 4.7	− 7.3	+ 0.5	+ 1.4	− 1.4	+ 1.1
20	− 2.2	+ 7.8	−5.7	− 3.8	−1.1	− 1.7	− 4.9	− 6.2	− 4.0	− 0.4	− 3.4	− 2.7
21	+ 1.0	+ 1.9	−9.2	+ 3.1	+2.0	− 1.8	− 3.4	− 8.0	0.0	+ 1.5	+ 3.7	+ 2.7
22	− 1.9	− 8.5	−5.6	+ 4.3	−0.6	− 1.7	+ 0.5	− 4.8	+ 2.6	+ 8.0	+ 6.3	− 0.3
23	− 3.3	− 3.1	+2.6	+ 4.6	−2.2	+ 1.2	− 2.2	− 6.1	+ 2.3	+14.6	− 0.2	− 0.6
24	− 3.6	− 8.4	+4.7	+ 7.9	−3.8	− 0.4	− 2.3	− 3.1	+ 4.8	+ 2.2	+ 3.1	+ 5.4
25	− 2.1	−10.3	−0.8	+ 7.7	−1.2	+ 0.4	− 5.1	− 6.5	+ 7.0	− 0.7	+ 5.8	+ 4.5
26	− 5.1	− 3.0	−4.0	+12.4	−0.3	− 1.7	− 7.9	−10.5	+ 1.2	+ 0.8	+ 9.0	+ 4.1
27	− 3.2	− 1.8	−1.4	+13.8	+2.4	− 1.7	− 8.9	− 0.4	+ 1.2	+10.3	− 3.2	+ 5.9
28	− 3.3	− 3.7	+5.3	+ 9.3	−0.5	− 2.5	− 4.2	+ 1.6	− 0.8	+17.6	+ 1.6	− 1.5
29	+ 2.1	+ 1.4	+4.5	+ 6.9	+6.6	−10.1	− 7.4	− 5.4	+ 1.3	+ 6.3	+ 9.0	+ 4.1
30	+ 4.0	+ 3.0	+3.6	+ 5.0	+3.1	− 2.5	− 5.5	− 5.4	+ 4.2	+ 3.2	+ 0.2	+ 7.8
31	+ 4.0	0.0	+5.7	+ 5.6	+3.8	+ 3.1	− 7.1	− 1.1	+ 8.1	+ 7.1	− 0.3	+ 5.7
Means	− 1.1	− 1.2	+2.2	+ 4.5	+0.6	− 1.3	− 0.7	− 4.2	+ 2.3	+ 2.9	+ 4.6	+ 1.3

Day of the Month	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860
1	− 9.0°	− 4.1°	−4.9°	+ 2.6°	−1.0°	− 7.8°	−11.9°	−3.4°	− 5.5°	−4.6°	+2.5°
2	−11.2	− 5.9	−9.8	+ 2.6	−1.2	− 4.9	−11.3	−5.1	− 4.7	−5.6	+2.0
3	− 2.1	− 9.6	−8.1	− 0.4	−0.3	− 3.4	− 9.1	−7.3	− 6.6	−3.6	−0.5
4	− 4.3	−10.8	−6.0	− 2.6	−0.3	−11.7	−10.0	−8.1	− 4.5	−2.8	−4.1
5	− 3.5	− 7.2	−4.8	− 1.4	−4.3	− 8.4	− 8.6	−8.0	− 4.2	−3.8	−5.5
6	−10.3	− 8.0	−4.6	− 8.3	−1.9	− 0.8	− 6.9	−7.9	− 2.6	−4.1	−7.7
7	− 7.0	− 3.3	+2.4	−14.5	+0.6	− 1.1	−11.3	−7.5	− 7.8	+4.8	−0.3
8	− 7.7	− 0.1	+7.0	−10.8	−3.6	− 8.7	− 7.9	−4.8	− 4.7	+2.2	+3.1
9	− 8.0	+ 1.5	+6.3	− 8.8	−4.1	− 4.0	− 5.6	−1.3	− 1.2	−0.6	−0.6
10	− 1.4	+ 4.5	+2.3	− 7.8	−2.9	+ 0.9	+ 1.6	−0.6	+ 0.1	−5.0	+4.3
11	+ 1.7	+ 1.4	−0.7	− 7.5	−3.6	− 5.4	+ 2.7	+2.2	− 1.6	−2.7	+4.5
12	− 2.1	+ 1.3	+0.5	− 3.5	−1.0	−12.2	+ 0.6	+5.8	− 5.3	−0.7	+5.7
13	− 3.2	− 2.4	+3.3	− 4.9	+1.5	− 9.0	+ 0.5	+8.1	− 0.5	−1.6	+2.9
14	− 3.5	− 5.6	+1.1	− 1.9	+4.2	− 7.5	− 3.6	+4.4	+ 1.5	−1.6	+0.6
15	−12.3	− 5.5	+0.3	− 0.2	+1.5	− 8.4	− 3.5	+9.3	+ 0.9	−0.4	+3.5
16	− 8.0	− 2.1	+5.4	+ 3.4	−5.7	−11.0	− 3.2	+9.0	+ 0.4	−1.0	−1.9
17	− 0.6	− 0.9	+1.6	+ 1.1	−2.9	− 7.4	− 4.1	+4.3	+ 0.4	−3.8	−1.8
18	− 0.6	− 2.7	+4.0	+ 0.9	−5.9	− 3.3	− 4.7	+6.2	− 0.2	−1.6	−1.5
19	+ 1.9	− 5.3	+3.7	+ 2.5	−6.6	+ 1.6	− 1.4	+5.8	− 3.9	+1.5	−1.2
20	+ 0.8	− 3.2	+1.8	− 3.2	+1.1	+ 0.9	− 0.9	+4.7	+ 0.8	−3.2	+2.3
21	+ 3.2	− 0.4	−2.4	− 4.4	−0.3	− 6.9	+ 4.9	+0.5	+ 5.6	−3.1	+3.3
22	+ 0.9	+ 5.3	−0.8	− 1.2	−1.0	− 6.6	− 0.8	−0.1	+ 0.8	−3.8	+4.5
23	+ 1.7	− 1.9	−4.5	− 0.3	−5.3	− 5.3	− 1.3	+0.7	− 2.3	−1.8	+5.1
24	+ 2.0	+ 1.8	−0.4	+ 4.1	−4.6	+ 3.6	− 2.0	−0.7	− 2.5	+0.3	+3.6
25	+ 0.2	+ 3.1	−1.0	+ 5.3	−4.9	+ 6.4	− 1.4	+4.7	− 6.9	+4.6	+3.3
26	+ 0.2	− 3.5	−5.7	+ 6.4	−3.0	+14.3	+ 2.8	+1.5	− 5.3	+3.4	−2.2
27	− 0.3	− 4.4	−6.5	+ 5.9	−7.9	+ 6.1	+ 1.6	+2.5	− 0.8	+2.8	−4.2
28	− 2.1	+ 2.1	−4.8	− 1.8	−5.8	− 5.4	− 1.5	+5.9	− 2.5	+0.7	−8.4
29	+ 3.1	+ 2.2	−9.6	− 3.3	−5.7	− 9.5	− 4.2	+0.6	+ 4.9	+5.5	−5.4
30	+ 1.9	+ 5.0	−8.8	− 1.0	−6.1	−13.9	− 7.2	−4.0	+ 6.5	+6.8	−4.3
31	+ 2.4	− 0.9	−9.3	− 5.6	−1.0	−12.9	−11.1	−1.6	+11.5	+4.8	−6.5
Means	− 2.5	− 1.9	−1.7	− 1.9	−2.6	− 4.6	− 3.8	+0.5	− 1.3	−0.6	−0.2

Day of the Month	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years
1	+ 0.6°	+11.9°	−8.1°	+ 5.7°	+ 0.8°	−13.6°	+ 1.5°	+ 7.2°	− 7.1°	51.0°
2	+ 0.6	+ 2.2	−3.5	+ 5.6	+ 2.1	−10.9	+ 1.4	+ 5.2	− 3.3	52.2
3	− 1.4	− 4.2	+2.8	+ 1.5	+ 7.9	− 9.6	+ 2.9	+10.1	− 0.5	52.2
4	− 8.9	+11.5	+6.0	− 3.5	+ 6.6	− 8.3	+ 5.8	+ 1.5	− 9.6	51.8
5	− 6.9	+12.6	+4.0	− 1.1	+ 9.5	− 2.9	+ 6.8	− 3.6	− 3.6	52.5
6	− 8.8	+10.2	+1.8	+ 3.0	+ 3.1	+ 0.6	+12.8	− 5.7	+ 2.3	52.9
7	− 8.4	+ 4.9	+1.6	+ 3.0	− 1.1	+ 1.1	+12.4	− 1.4	+ 3.4	52.4
8	−13.8	+ 2.5	−3.1	+ 1.6	+ 4.8	+ 3.1	+14.8	+ 3.6	− 1.4	52.2
9	−10.9	+ 0.3	+0.3	− 6.9	+ 4.3	+ 2.6	+10.3	+ 5.8	+ 0.6	52.3
10	− 7.1	+ 1.9	−5.1	− 1.1	− 5.1	+ 3.6	+12.2	+ 5.6	+ 4.9	52.4
11	− 6.9	− 2.0	+1.4	− 3.5	− 4.6	− 0.8	+ 6.9	+ 4.5	0.0	52.8
12	− 3.2	− 0.4	−0.2	− 4.2	− 2.4	− 5.4	+ 1.2	+ 5.4	− 1.7	53.0
13	−10.7	− 1.6	+0.4	+ 4.1	+ 0.1	−11.9	− 5.2	+ 4.2	− 1.1	52.7
14	+ 1.3	− 3.0	+1.3	+ 7.1	− 4.0	− 6.1	− 6.5	+ 6.1	− 1.9	53.1
15	+ 4.3	− 3.8	+1.1	+ 7.2	− 4.7	− 8.2	− 8.7	+ 7.9	− 1.0	54.1
16	+ 7.3	+ 2.7	+0.1	+ 7.5	− 3.3	− 7.0	− 8.8	+ 5.6	− 5.1	55.4
17	− 6.8	+ 4.4	−3.1	+ 8.4	− 0.7	− 4.0	− 5.6	+ 3.2	− 2.1	54.9
18	− 9.0	+ 5.7	−2.0	+10.1	− 2.5	+ 0.7	− 1.5	+ 6.5	+ 0.1	55.1
19	− 7.0	+ 4.9	−9.2	+10.6	+ 0.4	+ 1.3	+ 2.0	+16.1	− 7.8	55.8
20	+ 4.2	+ 2.7	−6.8	+ 8.6	+ 5.7	+ 0.8	+ 2.7	+ 3.5	− 7.4	56.0
21	+ 8.6	− 3.9	−7.2	− 1.8	+12.8	− 3.2	− 7.4	+ 1.8	− 5.2	56.3
22	+ 6.5	− 0.2	−7.2	+ 4.5	+ 6.3	− 2.4	−14.2	+ 3.1	− 4.2	55.3
23	+ 9.3	0.0	−7.5	− 5.1	+ 6.3	− 5.0	−16.5	− 0.5	− 1.8	56.3
24	− 1.3	+ 2.2	−7.3	− 7.7	+ 1.1	− 9.8	−12.4	− 1.8	+ 1.3	56.6
25	− 0.3	− 2.0	−7.8	− 1.5	0.0	− 4.2	− 9.5	+ 2.1	+ 3.8	56.3
26	0.0	+ 3.3	−6.4	−10.0	+ 6.6	+ 1.1	− 0.9	+ 2.3	+ 2.0	56.3
27	+ 3.0	+ 1.1	+0.1	− 6.4	+ 6.4	− 2.4	+ 0.1	+ 2.3	− 4.7	57.2
28	− 4.1	− 0.9	+3.7	− 1.9	+ 2.5	− 0.6	+ 3.6	+ 6.6	−13.5	56.8
29	+ 2.2	+ 7.0	+7.1	− 7.2	+ 5.5	− 1.7	+ 0.8	+ 9.2	−12.1	56.5
30	+ 7.7	+ 3.2	+7.2	− 8.5	+ 2.5	− 1.4	+ 4.5	+ 7.8	− 5.9	57.3
31	+ 4.1	+ 1.8	−0.8	− 4.7	+ 2.6	+ 1.6	+ 3.6	+ 2.0	− 9.1	57.6
Means	− 1.8	+ 2.4	−1.5	+ 0.4	+ 2.2	− 3.3	+ 0.3	+ 4.1	− 2.9	

TABLE XXI. *Excess or Defect of Temperature on every day in the month of June, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years 1826–1869; above or below the Mean of that day for all the years.*

JUNE.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839
1	−1°·7	−1°·5	+2°·5	−2°·4	−2°·1	−0°·1	−5°·8	+9°·3	+5°·4	−6°·6	−0°·6	−4°·6	+2°·2	−0°·8
2	−6·5	−6·4	−1·4	+5·9	+0·8	+0·3	−0·1	+5·4	+8·2	+2·1	+0·1	−7·5	−1·3	−3·2
3	−3·6	−1·7	+0·1	+9·7	−2·4	+2·8	+2·6	−0·7	+1·2	+2·0	+3·4	−9·0	+0·2	−2·5
4	+2·5	−2·4	−1·0	+6·6	−6·1	+3·0	0·0	+2·5	+0·9	−0·1	+0·8	+0·2	−2·7	−2·3
5	−0·2	−5·7	−5·4	−2·5	+1·5	+3·4	−2·1	+0·7	−5·2	−3·2	−3·0	+3·3	−0·1	+0·4
6	+4·4	−7·4	−2·6	−10·3	+3·2	−5·2	−3·1	+3·5	−1·9	+3·4	+0·1	−1·7	−7·9	+1·4
7	+1·6	−1·8	−5·6	−6·3	−2·6	−5·1	−3·7	+4·6	+3·6	+9·0	−0·9	−9·2	−7·5	−1·0
8	+0·3	−2·3	−2·4	−7·4	−4·7	−0·7	+0·1	+3·8	+0·5	+9·9	+2·9	−3·4	−8·7	+3·5
9	+4·1	+1·6	+3·1	−6·5	−6·8	+4·2	−0·3	+9·1	+5·0	+9·3	+3·0	+3·7	−2·6	+4·2
10	+3·5	+3·5	+2·4	−2·9	−8·3	+2·2	+2·3	+8·8	+0·2	+10·5	+2·2	+0·3	−1·3	+3·4
11	+4·1	+1·4	+3·9	−0·6	−0·7	+3·6	+2·2	+1·3	−6·8	+10·9	+0·6	−0·6	−3·0	+3·6
12	+6·8	+2·8	+0·1	+0·6	−3·0	+3·9	+5·6	−4·1	−2·5	+8·8	−0·7	+1·2	−2·6	+7·8
13	+9·1	+2·3	+5·4	+6·3	−4·3	+2·6	+3·1	−6·2	+0·3	−0·1	+4·4	+5·5	−3·1	+8·6
14	+7·5	+5·3	+1·9	+5·3	−2·6	+4·4	+1·9	−6·7	+3·9	+2·7	+7·0	+1·8	−1·8	−1·9
15	+8·1	+2·0	+3·8	+2·6	−8·2	+2·9	−2·5	−1·5	+2·8	+5·6	+11·5	+5·2	−0·9	−1·5
16	+0·5	+1·2	+3·5	−4·0	−6·4	+2·2	+3·1	−0·6	−1·2	+8·3	+3·5	+5·9	+1·6	+1·4
17	0·0	+5·8	+2·4	−3·1	−9·1	+3·1	+5·4	+1·6	−3·7	+7·6	+3·6	+5·1	+5·8	+4·7
18	+6·0	+3·2	+3·3	−4·3	−2·7	+2·6	+3·8	+2·4	+3·0	+0·2	+2·9	+1·1	+5·3	+2·4
19	+3·1	+1·1	+3·4	+0·3	−6·5	+3·7	+5·0	+1·0	+4·1	+0·7	+1·6	+1·8	+1·0	+5·7
20	+0·1	−2·1	+4·4	+4·0	−3·4	+1·7	+1·6	+1·7	+10·4	+0·2	−1·6	+3·8	−1·3	+8·2
21	0·0	−5·6	−1·0	+1·4	−4·9	+4·8	+0·8	+1·7	+13·1	+2·2	+1·5	+0·6	−1·4	+3·0
22	−1·5	−3·3	+2·0	−1·5	−9·4	+3·8	−1·9	−0·5	+1·5	+3·0	−0·1	+4·4	−2·8	−1·9
23	+0·8	...	+0·6	+2·6	−3·2	+4·3	+0·2	−6·5	−1·1	−6·3	+0·7	+2·9	−1·2	−2·6
24	+1·2	+1·9	+2·8	+1·5	+0·7	−0·8	−2·6	−8·0	+2·2	−8·4	−1·2	+3·1	+1·4	+0·6
25	+3·8	+0·3	+5·2	+4·4	−2·5	−4·2	−4·4	−3·4	+4·7	−13·5	−1·2	+4·7	+5·4	+1·6
26	+10·2	+3·4	+8·5	+3·1	+3·3	−6·3	−6·2	−2·8	+2·4	−12·0	+0·8	−0·1	−2·7	+1·3
27	+13·1	+0·4	+7·9	...	+6·5	−1·4	+0·8	−5·0	−6·9	−11·1	+2·5	−6·5	−4·0	−2·5
28	+10·5	−2·5	+6·8	−1·0	+3·0	−4·8	+4·5	+5·2	−0·4	−6·9	+7·1	−4·6	+0·3	−5·9
29	+7·9	+0·8	+4·3	−6·5	−0·3	−4·4	+5·2	+2·2	−0·2	−5·5	+1·9	+1·0	−1·9	−10·0
30	+10·0	+2·0	+8·8	+0·3	+1·7	−0·4	+0·1	0·0	−1·2	−0·9	+9·5	+1·9	0·0	−11·1
Means	+3·5	−0·1	+2·2	−0·2	−2·7	+0·9	+0·5	+0·6	+1·4	+0·7	+2·1	+0·3	−1·2	+0·5

Day of the Month	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854
1	+8°·9	+4°·0	+6°·9	+2°·9	−2°·2	−2°·5	+4°·7	+3°·1	−4°·4	+2°·5	+0°·1	+0°·4	−2°·2	−5°·8	+0°·2
2	−0·6	+4·8	−0·6	−0·7	−7·3	+0·8	+2·3	+1·4	−4·9	+3·9	+0·7	−0·4	−1·6	−5·9	−7·7
3	−2·9	+2·0	+0·6	−1·7	−4·0	+1·5	+7·4	+5·3	−5·7	+4·1	−0·6	+0·5	−3·0	−5·8	−7·4
4	−1·4	+0·4	+6·3	−2·3	+1·2	−0·7	+9·0	+4·0	−1·6	+11·4	+2·7	−7·3	−2·8	−5·6	−7·5
5	−3·5	+0·5	+6·2	−5·5	+6·1	+0·6	+9·6	−1·9	−1·2	+11·7	+5·9	−6·3	+1·3	−3·7	−6·3
6	+4·9	−6·3	+3·2	−5·8	+0·5	−2·9	+12·6	−7·8	−1·0	+0·4	−2·6	+0·1	+2·5	−0·9	−6·8
7	+5·0	−8·3	+5·1	−4·2	+2·3	−3·8	+14·9	−0·9	−0·1	+2·1	+0·1	+0·9	−1·6	+1·3	−8·0
8	+5·3	−7·5	+5·8	−2·8	+3·6	−6·5	+6·6	−8·7	−4·0	−2·5	−1·6	+3·7	+3·4	+7·0	−3·1
9	+8·4	−11·5	+3·3	−6·2	+3·7	−0·6	+5·7	−5·3	−1·3	−5·6	−1·2	−3·0	−2·7	+1·5	−3·5
10	+0·4	−4·3	+6·3	−4·1	−0·8	−0·8	+5·8	−8·2	−2·3	−10·2	+5·4	−9·2	−9·7	+6·2	−1·7
11	+3·3	−9·3	+10·9	−4·8	+2·6	+2·2	+7·8	−5·9	−0·5	−8·0	+5·6	−3·5	−7·9	+6·9	−1·2
12	+3·9	−11·8	+10·4	−7·1	+4·9	+7·6	+9·4	+1·7	−0·3	−9·7	−0·6	−4·1	−8·3	−0·9	−3·3
13	+0·5	−10·7	+10·1	−8·9	+7·6	+8·0	+8·4	−1·5	−7·2	−5·6	−1·9	+0·9	−5·3	−8·6	−6·5
14	+2·4	0·0	+10·1	+0·2	+1·0	+5·1	+7·2	−3·2	+0·2	−4·1	−7·8	−2·2	−4·7	−2·0	−2·0
15	+5·3	−4·5	+3·4	−0·9	−1·9	+9·2	+10·4	−7·7	+6·5	−0·3	−15·2	−4·7	−4·4	+1·4	−5·7
16	+6·3	−4·2	+1·6	−1·1	−1·9	0·0	+9·8	−6·5	+6·6	−1·9	−7·6	−1·6	−2·7	+3·2	−4·7
17	+0·9	−3·6	+1·2	+1·6	+2·7	+7·3	+10·6	−0·5	+3·8	−2·6	−6·3	−5·4	−1·8	+2·7	−3·8
18	−0·9	+6·2	−0·9	−1·0	+1·1	−5·0	+11·2	−5·7	−0·2	−0·6	−0·7	−4·9	−2·2	+1·6	−1·4
19	−4·3	−2·7	−0·5	−3·7	−5·4	+1·1	+11·3	−1·2	−4·1	−5·4	+3·1	+4·5	−3·4	−4·4	−1·9
20	−1·7	−2·1	+0·5	−10·0	−0·5	−0·6	+12·8	−2·8	−5·7	0·0	+5·0	+3·6	+1·3	−5·1	−4·4
21	+3·0	−3·0	−0·1	−0·8	+3·3	+1·5	+4·2	−4·4	+2·8	−0·9	+3·5	+8·9	−4·0	−9·3	−3·7
22	−0·9	−1·9	−0·2	−1·1	+4·4	−2·7	+13·3	−5·0	+5·0	+0·1	+4·5	−3·6	−1·7	−4·6	+3·0
23	−3·4	−3·6	+1·5	−1·6	+14·2	−1·7	−2·0	−4·6	+2·9	+5·7	+8·3	−5·3	−1·9	−2·3	+3·6
24	−7·8	−0·2	+0·9	−3·8	+11·3	−0·3	−1·6	−2·3	−1·8	+4·0	+7·9	−1·3	−1·7	+6·1	+3·8
25	−6·6	−0·2	−1·3	−6·4	−5·3	−2·3	−3·2	−2·6	−3·0	+4·0	+6·3	+2·6	+3·4	−0·7	+10·1
26	−1·6	−0·7	−1·9	−2·4	−3·7	−2·3	−2·1	−1·4	0·0	+1·8	+6·6	+5·3	−1·2	−2·3	−1·4
27	+2·2	−3·4	−3·5	+1·9	−5·4	−5·7	−2·1	+0·2	−0·5	+2·0	−3·2	+10·6	−2·2	+0·4	−4·6
28	+0·5	−6·5	+3·1	−8·7	−1·8	−8·1	+2·5	+3·5	−3·2	−0·7	+2·0	+6·8	−0·1	−0·6	−6·0
29	+1·6	−2·8	+5·6	−4·9	+5·0	−1·7	+1·5	+3·1	−1·1	+1·7	−2·5	+6·2	−0·5	−0·6	−4·5
30	−0·8	−2·5	−0·1	−3·4	+2·4	−1·5	+1·2	+0·4	−6·8	−2·4	+0·8	+6·4	−1·5	−2·9	−1·2
Means	+0·9	−3·1	+3·1	−3·2	+1·2	−0·2	+6·3	−2·2	−1·1	−0·2	+0·5	−0·1	−2·2	−1·1	−2·9

Day of the Month	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44
1	−11°·0	−9°·2	...	+11°·3	+4°·6	−3°·0	−0°·9	+0°·5	+0°·9	−8°·1	+0°·6	+0°·8	+4°·2	+4°·5	−4°·5	58°·3
2	−9·7	−1·6	...	+12·1	+5·1	−5·2	−1·0	+5·1	+3·7	−3·4	−2·7	+2·8	+9·4	+5·6	+0·9	58·4
3	−1·7	+0·6	...	+10·8	+4·5	−6·2	−3·2	+0·1	+5·5	−7·6	+0·1	+5·5	−1·4	+2·3	+0·1	59·5
4	+0·2	+3·3	...	+5·6	+7·1	−5·6	−3·4	0·0	+3·2	−4·6	+1·5	+2·3	−0·5	−1·7	−4·9	58·5
5	+3·3	−4·6	+9·1	+1·7	+6·1	−6·9	−4·3	−1·3	−1·5	+1·0	+4·9	−1·2	−1·9	−1·3	+1·8	59·7
6	+11·4	−3·4	+12·5	+1·6	+5·1	−5·6	−6·7	+1·5	−2·0	−0·9	+9·5	−1·3	−0·7	+4·6	+6·9	59·3
7	−0·7	+0·5	+5·2	+1·8	+5·6	−9·7	−5·4	+1·1	−2·9	+4·4	+1·2	+4·1	+0·5	+1·1	+12·3	59·9
8	+1·0	+3·0	−1·3	+7·3	+5·2	−4·8	−7·2	−1·4	−2·7	+5·2	+3·2	+6·3	−0·6	−2·0	+0·5	59·0
9	−4·8	+2·7	−3·3	+9·3	+2·5	−9·3	−7·1	−3·6	−2·8	−5·6	+6·0	+5·4	−0·7	+0·6	−1·4	59·1
10	−1·8	+1·7	−4·5	+8·6	+1·3	−7·2	−4·0	−2·5	−1·8	−0·6	+3·8	+9·7	+5·2	−2·6	−5·6	60·2
11	−0·8	−0·3	−5·9	+3·9	+1·2	−3·7	−1·5	−0·9	−3·7	−6·3	−5·8	+1·8	+8·2	+3·0	−5·8	60·3
12	+0·9	−1·3	−8·0	+5·3	+2·4	−6·9	−0·8	−4·6	−4·9	−1·4	−7·1	−1·8	+10·3	+2·8	−3·2	60·4
13	+0·1	−1·7	−9·1	+7·9	+3·9	−7·2	+5·9	−4·1	−5·7	−5·5	+1·0	−4·2	−0·5	+5·3	−0·8	60·5
14	−4·4	−8·4	−4·5	+12·5	−2·5	−7·5	+8·3	−9·0	−3·9	−1·6	+0·7	−0·3	−3·1	+5·1	−9·8	60·5
15	−5·2	−3·3	−4·3	+14·9	+0·3	−6·3	+5·7	−4·5	−0·3	−3·2	+0·2	−2·5	−6·7	+4·3	−8·2	61·7
16	−6·4	−1·7	−0·1	+16·7	−0·2	−3·0	+4·1	−5·3	−1·2	−0·3	−1·1	−1·6	−7·3	+4·4	−11·3	60·3
17	−11·3	−2·4	−0·5	+4·9	−1·1	−8·1	+0·7	−1·3	+0·8	+1·3	−4·7	−8·3	−5·3	+7·7	−10·8	60·9
18	−6·2	0·0	−0·7	−1·1	+4·3	−5·5	+6·2	−9·0	+2·0	+0·5	−7·1	−5·4	+2·8	+4·0	−8·7	60·0
19	−10·1	−5·4	+6·3	+5·1	+4·7	−3·3	+9·4	−3·9	−0·9	+0·3	−5·8	−3·0	+1·5	+4·1	−8·1	60·1
20	−14·5	−6·8	+7·6	+5·8	−3·0	−2·5	+4·6	−5·0	+1·3	+1·4	−1·4	+0·3	−5·2	+8·4	−10·1	61·2
21	−8·1	−5·4	+4·4	+2·9	−3·8	−2·6	+5·4	−6·9	+1·9	−2·4	0·0	+5·6	−5·6	+6·9	−10·8	62·3
22	−0·6	−2·4	+2·3	+5·7	+3·1	−2·1	+2·2	−2·7	+0·9	−0·5	+0·7	−0·1	−3·5	+0·1	−5·6	61·4
23	−2·3	−3·4	+4·7	+7·5	−1·4	−1·5	+1·8	−3·4	+3·3	−6·3	+7·3	+2·9	−1·8	−1·2	−7·2	61·5
24	−3·1	−0·6	+6·8	+0·9	−1·0	+1·3	+2·0	−6·8	+3·2	−3·7	−0·8	−0·3	−2·7	+2·1	−3·7	61·5
25	−0·8	+6·0	+5·1	−0·9	+4·6	−4·2	−4·6	−5·6	−0·5	+1·5	+0·2	+2·8	−1·2	+4·6	−3·3	61·7
26	+3·3	+9·3	+4·9	+4·8	+6·3	−3·3	−4·5	−2·3	−0·2	−3·9	−8·3	+3·2	−4·4	+2·3	−1·7	62·8
27	+5·9	+10·2	+8·0	−4·8	+6·1	−5·5	−1·0	−5·8	−3·7	−7·7	+1·4	+8·4	+0·8	+7·7	+0·2	62·9
28	+4·1	+2·0	+11·5	−3·2	+1·0	−5·1	+2·7	−2·9	−4·6	−1·3	−0·1	+9·0	−6·0	+5·8	−5·8	62·0
29	+4·9	−1·3	+2·6	−1·2	−0·6	−6·4	−0·8	−1·4	−0·6	+3·0	−2·4	+5·1	+1·0	+2·1	−5·4	61·1
30	+3·2	+3·1	+0·8	+2·1	+0·3	−8·7	−3·9	−6·5	−1·7	−7·0	−5·0	+7·3	+4·0	+3·3	−2·2	61·[illegible]
Means	−2·2	−0·7	+1·9	+5·3	+2·4	−5·2	−0·1	−3·1	−0·6	−2·1	−0·3	+1·8	−0·4	+3·1	−3·9	

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TABLE XXII. *Excess or Defect of Temperature on every day in the month of July, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869; *above or below the Mean of that day for all the years.*

JULY.

	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836
	+8·5	+2·3	+3·9	−2·7	+3·5	−0·2	+5·2	−8·9	+1·5	+2·9	+12·6
	+7·4	−1·1	+6·3	−2·3	−0·7	+2·0	+3·8	−7·4	+0·4	+6·0	+7·6
	+10·3	+0·7	+10·9	−4·3	−2·6	+0·7	−0·7	−6·3	+1·0	+2·7	+5·9
	+11·3	+1·5	+7·0	−8·2	−1·3	+2·1	+1·9	−2·2	+3·9	+1·1	+10·1
	+7·8	−1·1	+3·4	−4·8	−1·7	+3·0	+1·8	−1·0	+4·5	−0·7	+14·3
	+9·0	+1·7	+1·1	−0·7	−1·3	+3·5	+0·7	+3·8	+3·2	−3·3	+0·7
	+8·1	+6·1	+4·5	−4·9	−2·8	+1·8	+0·9	+1·0	+5·7	−0·5	+1·9
	+7·0	+7·9	+9·4	−0·4	−5·7	+2·2	+3·1	−1·9	+4·3	−2·2	+0·6
	+7·3	+7·6	0·0	−5·1	−4·7	+9·6	+3·1	−4·4	−0·7	+0·4	+5·3
	+6·0	+4·0	+1·8	−1·3	−3·9	−0·4	+2·3	+0·2	+0·8	−2·6	+9·8
	+3·4	+4·2	+1·0	−2·6	−6·7	+4·1	+1·6	−1·9	+1·4	−3·2	+10·4
	+2·7	+2·1	−4·5	−2·9	−7·1	+1·3	+5·0	−7·9	+5·7	+0·5	+0·9
	+0·7	+3·8	−5·5	+0·3	−3·2	−3·7	+4·3	−8·5	+2·3	−2·8	+1·3
	+1·3	+1·6	−4·8	−1·2	+5·1	−3·2	+1·0	−1·0	+1·3	−5·1	−1·2
	+0·5	+0·8	−4·0	+2·1	−1·2	−0·5	−1·6	−2·9	+3·8	+1·7	−5·3
	−3·1	+2·6	+0·8	−2·4	−1·7	−1·1	+2·1	+0·9	+6·5	+0·2	−1·5
	+0·4	+3·8	+1·4	−4·8	−2·7	+0·8	+4·7	+3·7	+12·6	+1·6	−2·3
	+3·7	+2·9	−0·1	−2·4	+0·7	0·0	−5·6	+6·0	+1·6	+4·4	−2·8
	+4·1	+0·9	−0·8	−0·5	−0·3	+1·9	−7·5	+2·4	−3·6	+2·4	−2·5
	+0·9	+0·3	−2·3	+2·9	−1·5	+1·2	−5·6	−2·3	+0·3	+8·6	−12·1
	−1·7	−0·7	−2·0	0·0	+3·8	−0·1	−5·9	−3·8	−1·9	+7·8	−6·0
	+0·5	−0·9	−0·5	+2·1	+4·1	−4·1	−5·7	−5·2	−1·5	+4·8	−4·7
	−7·1	+5·6	+1·1	+1·2	+5·2	−2·9	−3·8	+0·2	+3·7	+2·4	−6·2
	−1·1	+6·8	+1·5	+4·6	+3·3	0·0	−1·7	−2·2	+3·5	+5·2	−3·1
	+1·7	+4·3	+0·6	+2·3	+9·7	−1·4	−0·6	+3·1	+1·8	+4·9	−3·4
	+0·7	+1·7	−2·0	−7·8	+12·4	+3·6	+0·4	+3·5	+1·6	+4·0	+4·0
	−1·3	+4·7	−4·3	−5·9	+10·6	+6·4	−4·5	+7·4	−4·1	+4·9	+0·4
	−0·6	+7·7	−3·1	−2·0	+8·4	+8·3	−4·5	+7·3	+2·9	+7·0	+7·2
	+2·2	+12·1	−6·5	−5·4	+10·5	+6·7	−3·7	+2·0	+9·0	+3·5	−0·1
	+7·5	+7·3	−7·6	−2·0	+15·0	+6·5	−1·7	−1·3	+4·1	+5·3	−6·2
	+10·6	+4·2	−1·4	−7·0	+7·1	+6·3	−6·8	−1·5	+2·8	−0·1	−2·5
Means	+3·5	+3·4	+0·2	−2·1	+1·6	+1·8	−0·6	−0·9	+2·5	+2·0	+1·1

	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
	−7·3	+3·6	−5·6	+0·8	+0·2	−2·7	−0·4	+2·8	−0·4	+2·2	+0·6
	−1·4	+2·9	−1·5	−0·6	+1·8	−4·4	+2·2	−2·0	−2·7	+4·5	−5·1
	+2·2	−1·8	−1·3	−3·5	+3·5	+1·1	+4·3	−2·9	+6·5	+1·8	−0·8
	+1·1	+0·1	+2·9	−0·7	+0·6	+2·7	+1·6	−2·8	−0·7	+9·9	−1·3
	+4·2	+1·8	−0·1	−4·5	+2·1	−5·6	+9·6	−4·3	+0·8	+10·1	+4·3
	+0·9	−0·3	+1·2	−5·4	−2·3	−7·7	−2·2	−4·9	+5·9	−2·1	+7·7
	+0·2	−1·6	+4·8	−3·4	−2·6	−6·7	−1·8	−2·5	+7·7	−2·3	+2·0
	+4·1	+1·2	+0·1	−1·9	−2·5	−5·4	−3·7	+0·3	+2·1	−1·0	0·0
	−4·6	+3·0	−2·9	−4·7	−4·3	−2·6	−2·2	−1·5	−1·2	+0·1	+3·2
	−0·3	+5·5	+0·4	−5·4	−1·3	−2·1	−0·9	+3·9	−1·2	−2·1	+6·4
	−0·2	+5·0	+4·1	−6·7	−8·2	+2·3	−6·2	+2·8	−4·9	−1·6	+6·1
	−3·5	+3·7	−0·3	−9·4	−7·6	−2·9	+1·5	−3·1	−7·4	−0·1	+8·2
	−1·8	+7·9	+0·6	−11·1	−4·9	−2·4	−2·9	−1·8	−4·5	+7·1	+11·0
	+2·4	−0·2	−0·4	−4·0	−6·3	−3·2	−2·0	−1·2	−4·5	+5·6	+11·8
	−1·2	−3·7	−3·1	−0·7	−6·2	−3·9	+2·2	−3·2	−8·0	+1·1	+8·0
	−1·5	−3·3	−2·1	0·0	−6·3	−0·1	+4·7	−6·0	−2·7	−0·5	+5·9
	−0·7	+0·2	+4·4	−0·4	−3·3	−1·3	+5·6	−2·8	−1·5	−2·6	−1·8
	+1·2	−0·9	+3·4	−0·2	−4·1	+4·7	+0·7	−4·3	+0·2	−2·4	−3·4
	+1·6	+0·8	+1·1	0·0	+1·4	0·0	−5·8	−4·0	−0·5	+0·3	−1·4
	−1·0	−0·9	+1·8	−3·0	−4·9	−1·5	−3·0	−3·4	−0·8	+1·8	+4·5
	−1·3	−4·3	−0·8	−2·0	−3·4	−6·8	−1·7	+2·5	+2·0	+1·8	+4·4
	+0·7	−9·4	−0·1	−4·7	−5·2	−7·9	−4·1	+5·4	−0·1	+2·5	−1·8
	+6·6	−3·9	+0·4	−6·3	−4·8	−7·2	−11·2	+9·9	−8·3	+4·9	−2·8
	+3·8	−5·5	+2·2	−1·0	−5·7	+2·3	−8·5	+7·8	−4·3	−2·9	+1·3
	+6·1	−7·0	−1·4	−1·6	−2·3	−2·4	−2·7	+12·1	−2·3	−1·8	−4·7
	+6·1	−3·5	−2·9	−3·3	−0·6	−1·8	+1·5	+1·2	−2·3	+2·5	−1·2
	+9·7	−4·3	−6·0	−4·1	−1·3	−0·4	−0·7	+1·4	−4·8	+4·1	+1·1
	+4·3	−2·6	−5·4	+1·6	−4·0	+0·4	−0·7	+7·3	−6·8	+6·2	+2·7
	+0·5	−3·5	−3·8	+1·2	−6·6	−8·5	−1·5	+0·6	−8·6	+10·1	+6·6
	−4·8	−5·6	−5·2	+0·7	−7·1	−5·9	−2·8	−3·3	−6·6	+12·5	+2·0
	+0·2	−3·2	−5·1	−1·4	−9·2	−6·6	−4·3	−2·4	−4·1	+13·5	+2·5
Means	+0·9	−0·9	−0·6	−2·8	−3·4	−2·8	−1·1	+0·1	−2·1	+2·7	+2·5

	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858
	−8·0	+4·5	−0·9	+7·0	−0·1	−4·1	−5·4	+5·3	−4·5	−0·6	−3·8
	−4·5	+0·5	−0·5	+5·4	−1·2	−3·9	−0·3	+5·3	−5·4	−2·9	−4·3
	−2·6	+1·6	−0·9	−3·6	+1·9	−2·1	+1·2	+4·3	−5·6	−0·3	−7·5
	−2·5	−5·2	−7·4	−6·4	+10·7	−0·6	−5·4	+0·8	−0·9	−1·7	−2·7
	+1·4	−2·4	−7·4	−3·6	+15·2	+1·0	−6·9	−1·9	−3·0	−1·7	−5·9
	+8·8	+0·1	−1·9	−1·3	+13·4	+3·1	−8·5	−2·4	−0·7	−6·8	−7·7
	+1·2	+6·5	−8·0	+1·2	+9·6	+8·6	−5·0	−1·3	−6·3	−7·6	−3·5
	−2·9	+6·5	−7·5	−1·4	+7·3	+6·2	−4·3	+2·7	−16·2	−7·1	−6·7
	−4·7	+4·2	−6·1	−2·3	+9·7	+4·6	−2·4	+4·6	−10·0	−5·0	−4·7
	−2·6	+2·3	−5·3	−6·3	+6·8	−4·4	−3·0	+6·7	−2·2	+0·9	−7·3
	−2·5	+1·3	−2·1	−2·5	+6·4	−3·1	−5·7	−2·7	+0·1	+0·8	+1·0
	+0·8	+1·6	−2·5	+2·5	+3·7	−0·2	−10·7	+1·9	−3·3	+5·0	+4·3
	+3·4	+0·9	−0·9	−1·8	+5·9	−0·7	−4·5	+3·5	−1·9	+2·9	+0·8
	+6·2	+1·2	−0·9	−2·8	+5·3	−9·1	−4·6	+0·6	−1·4	+5·7	+2·4
	−5·7	−1·6	+8·8	−4·1	+8·5	−7·8	−4·0	+0·5	+0·3	+7·9	+9·6
	−0·1	+2·1	+9·2	−6·6	+7·5	−6·1	+1·3	−4·1	−6·0	+1·7	+3·4
	−0·9	−2·5	+4·4	−4·0	+2·4	−5·8	−2·6	−6·1	−6·0	−0·2	+2·0
	+1·3	−1·6	+2·7	−4·9	+1·2	−4·5	−0·8	−1·6	−3·0	+1·7	+0·3
	+2·1	−4·9	−0·2	−2·4	+5·2	−2·6	−0·9	−7·1	+3·1	+5·8	0·0
	−1·4	−4·4	+0·8	+0·3	+2·0	−1·0	+3·1	−4·4	+1·2	+5·6	+3·9
	−1·8	−5·1	+1·1	−0·3	+2·2	−0·2	+2·6	−0·5	+4·5	+4·0	−1·8
	+1·6	−0·8	+7·4	+2·3	+2·8	−3·0	+5·6	+1·5	+6·2	+3·9	−0·4
	+1·6	−4·6	+8·2	−0·9	+1·9	−0·8	+9·2	+6·4	+9·2	+6·0	+2·9
	−1·7	−5·5	−0·8	−6·1	+5·5	−3·0	+9·8	−0·7	+2·8	+5·3	+1·6
	−3·7	−4·1	−4·5	−2·2	+3·2	−0·6	+11·9	−2·9	+0·1	−1·3	−2·2
	−2·1	−3·1	−1·1	−2·7	+4·4	−1·9	+4·5	−5·6	−0·4	+0·8	−2·2
	−2·7	−2·5	−5·9	+0·3	+2·9	+1·6	−3·2	−1·0	−1·3	+4·0	+1·0
	−0·3	−0·5	−5·1	−0·6	+3·8	−1·2	−4·3	−2·5	+0·5	−0·4	−6·8
	+1·1	−3·4	−1·6	−0·7	+2·4	−0·7	−2·7	+0·1	+2·2	−0·3	−7·5
	+0·7	−1·6	+0·5	+1·5	−0·3	−4·6	+1·3	+1·5	+6·0	+5·0	−4·4
	−0·7	−3·6	+5·2	+2·4	+4·7	+0·1	+3·6	−3·0	+8·5	+4·8	−2·8
Means	−0·7	−0·8	−0·7	−1·4	+5·0	−1·5	−1·0	−0·1	−1·0	+1·2	−1·6

	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years
	+0·1	−0·3	+2·8	−4·2	+0·3	−8·2	−2·2	−2·2	+5·3	−1·5	−3·0	61·3
	+2·4	0·0	+1·4	−7·4	+1·8	−1·9	+2·4	−5·5	+1·0	+3·5	−3·0	62·0
	+3·9	−0·5	−0·7	−8·2	+2·8	−6·6	+0·2	−6·5	+0·7	+3·2	−4·0	62·6
	+2·3	−2·1	−6·0	−5·4	−2·9	−5·6	+6·8	−5·4	−1·0	−2·7	+1·0	63·5
	+0·9	−6·2	−4·9	−2·9	−0·4	−9·9	+3·6	−6·1	−1·4	−4·6	+1·9	64·0
	+3·8	−4·8	−2·2	−3·3	−0·3	−3·3	+7·4	−6·3	−3·2	+3·2	+1·4	63·9
	+5·9	−7·1	−0·3	−4·3	+4·9	−5·1	+1·6	−5·3	−3·0	+2·7	+0·7	62·9
	+5·9	−4·8	−1·1	+0·2	+2·1	−6·9	+1·0	−1·5	−1·6	+8·1	+5·2	62·5
	+4·8	−4·7	+0·1	−4·4	+5·5	−5·4	+1·1	+4·8	−0·3	+8·1	−0·5	62·5
	+7·0	−6·6	−3·8	−5·7	+6·0	−5·1	−5·6	+4·7	−1·0	+5·1	+1·7	62·7
	+8·4	−4·8	−4·1	−9·1	+4·4	+3·1	−5·9	+5·4	−0·3	+5·3	+2·1	63·5
	+10·4	−4·0	+3·6	−3·6	+5·1	−6·3	−5·0	+9·1	+0·3	+3·7	+9·5	63·9
	+9·7	−3·2	+1·7	−1·8	+4·7	−6·9	−5·2	+9·3	−1·5	+3·3	−3·7	64·0
	+0·7	−2·5	−0·4	−1·6	+1·8	−1·3	−0·8	+5·4	−3·5	+6·2	+0·3	64·3
	+6·2	−3·4	−1·3	−5·5	+4·9	−0·4	+4·0	+4·4	−4·4	+6·6	+1·7	64·3
	+6·8	−5·8	−3·8	−6·1	−3·8	−1·5	+6·2	+1·6	−4·0	+9·4	+8·4	63·7
	+8·0	−2·6	−1·6	−4·9	−6·4	−0·3	−0·8	−1·1	−2·1	+7·3	+10·6	64·4
	+11·9	−1·6	−1·7	−5·1	−6·4	−2·1	−3·2	−3·3	−4·1	+10·4	+10·6	63·2
	+9·1	−3·3	+0·6	−3·4	−4·4	+9·0	−1·8	−0·7	−5·8	+9·2	+2·1	62·4
	+7·3	−2·3	+3·0	−2·2	−3·6	+6·2	+1·2	−3·7	−1·7	+12·6	−3·7	62·3
	+4·4	−4·1	0·0	−3·9	−7·6	+3·4	+4·5	−2·4	+1·1	+15·4	+3·2	62·5
	+5·4	−6·1	−2·1	−3·4	−6·0	+0·7	+3·2	−8·1	−1·6	+12·5	+12·4	63·2
	+0·7	−10·2	−1·5	−8·8	−5·6	+3·4	−0·1	−5·0	−0·3	+5·6	+4·4	63·4
	−3·7	−8·1	−1·8	−4·2	−5·8	+3·9	+4·1	−3·8	−1·2	+4·4	+3·8	62·8
	−0·1	−12·5	+0·6	−2·1	−2·9	−3·0	+4·3	−3·9	−0·2	+6·1	+5·0	62·6
	+6·8	−7·4	−5·7	+1·5	−7·4	+0·4	+4·4	+0·8	−9·3	+6·5	+2·7	62·6
	+8·1	−3·9	−5·6	−2·3	−2·8	+1·4	+6·2	−2·8	−10·5	+9·7	+0·7	63·3
	+6·8	−5·5	−6·2	−6·0	−2·0	−1·0	−5·0	+1·3	−10·0	+9·0	−7·7	63·7
	+5·9	−4·4	−0·4	0·0	−1·0	+4·0	+2·6	−2·2	−6·8	−2·1	−0·1	63·2
	+2·2	−3·9	−2·3	−3·7	−1·1	+3·9	−1·4	−6·2	−4·3	+4·5	+5·4	62·9
	+2·3	−2·9	−0·2	−2·7	−3·7	+4·3	−3·6	−7·2	−4·9	+3·1	+3·6	62·9
Means	+5·0	−4·5	−1·4	−4·0	−1·0	−1·3	+0·8	−1·3	−2·6	+5·6	+2·3	

TABLE XXIII. *Excess or Defect of Temperature on every day in the month of August, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869; *above or below the Mean of that day for all the years.*

AUGUST.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836
1	+7·1°	+4·9°	+0·1°	−3·9°	+4·9°	+5·1°	−2·5°	−8·8°	+7·5°	+3·1°	−3·4°
2	+5·5	+8·1	−2·6	+0·1	−0·5	+1·9	+6·1	−6·0	+1·3	+2·6	−2·8
3	+3·2	+3·0	−2·3	−6·8	+0·7	+3·5	+0·2	−3·0	+2·8	−2·5	+4·7
4	+1·3	+3·2	−2·8	−4·8	+5·5	+6·5	+0·7	−4·1	+1·2	−0·8	+3·8
5	−0·6	+6·3	−1·6	−5·5	+0·8	+5·5	−2·4	−2·8	+3·8	+5·6	+0·2
6	+2·1	−0·5	−0·2	+1·4	−2·1	+4·4	−1·5	−6·5	+2·0	+5·3	−1·0
7	+3·1	+0·3	+1·1	+3·3	−0·4	+4·9	+0·6	−3·1	+0·4	+0·2	−1·2
8	+4·3	−0·3	+0·7	+5·2	+0·4	+6·2	+1·7	−0·3	+0·8	−4·0	−2·0
9	+4·3	+3·1	−1·0	+1·8	+2·3	+7·8	+5·0	+2·7	+0·2	+1·2	−4·2
10	+2·3	+1·4	−2·2	−2·9	−2·0	+0·3	+8·8	−1·3	+2·1	+9·8	−1·9
11	−2·6	−3·9	−1·9	−1·3	+2·2	+2·4	+4·5	−5·2	+3·1	+9·3	+0·3
12	−3·8	−2·2	−1·9	+1·9	−0·2	+3·8	+3·0	−3·8	+6·6	+7·7	−2·2
13	−3·8	−1·6	−5·7	+2·0	−6·7	+2·8	−3·0	−3·9	+7·8	+0·1	+1·4
14	+3·4	+2·4	−8·8	−0·1	−4·5	+1·1	+2·5	−6·5	+0·3	−1·3	+1·6
15	+2·4	+4·2	−5·9	−10·8	−5·0	+2·0	+2·7	−3·8	+3·0	+4·3	+2·1
16	+1·5	−3·3	−1·1	−5·9	−5·9	+2·8	+2·1	−4·0	+4·6	+6·7	+1·7
17	+5·4	+1·4	−0·8	−5·2	−6·0	+2·2	+2·2	−2·3	+6·4	+4·9	+2·5
18	+5·8	+1·3	−2·0	−3·4	−9·0	−1·6	+1·3	+0·4	+4·8	+5·6	+1·1
19	+6·8	−2·6	−1·9	−1·5	−7·9	+0·2	+1·1	−1·2	+3·1	+6·9	−5·2
20	+9·6	−2·2	−0·4	−5·4	−7·7	+0·1	+5·8	+3·4	+2·8	+8·0	−3·2
21	+3·2	−2·0	−2·0	−4·1	−3·3	−0·2	+3·2	+5·5	+1·2	+10·5	−3·2
22	+4·4	−4·0	−4·5	−0·8	−1·2	+1·3	+1·4	−2·0	−1·0	+4·2	0·0
23	+4·2	+0·1	−3·6	+1·1	+0·6	+6·4	−2·1	−2·0	−4·2	+4·7	−2·5
24	+5·8	−1·7	+5·5	−4·2	+2·2	+5·4	0·0	−0·1	−3·2	+3·7	−6·4
25	+8·7	−4·9	+6·0	−6·8	+0·6	+0·1	−2·2	−2·5	−6·4	+1·4	+0·3
26	+3·6	−4·1	+2·5	−0·2	−1·5	+4·3	−5·4	−2·5	−5·5	−0·8	−3·2
27	+2·3	+1·5	+1·5	−4·1	−0·1	+8·2	−3·0	−0·7	−5·0	−2·3	+1·6
28	+4·7	+0·2	+2·5	−4·5	−4·1	+1·2	−2·2	+1·5	−2·8	−2·1	−3·4
29	+7·7	−1·7	+4·5	−2·2	−4·7	+5·5	−6·1	+4·5	+0·8	−0·4	−2·0
30	+9·6	−2·2	+3·0	−2·5	−5·4	+7·7	−5·9	−2·5	+3·1	+0·6	+2·0
31	+5·5	−0·1	−0·7	−2·9	−2·2	−0·6	−0·7	−10·8	+1·4	−0·4	+1·2
Means	+3·8	+0·1	−0·9	−2·4	−1·9	+3·3	+0·5	−2·3	+1·4	+3·0	−0·7

Day of the Month	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	−3·7°	−0·1°	−1·2°	−3·3°	−5·8°	−2·5°	−3·9°	−7·1°	−4·1°	+11·0°	+6·0°
2	−0·1	−0·5	+3·1	+4·2	−5·0	+0·7	−4·6	−4·3	−6·2	+4·4	+5·2
3	+0·5	+1·6	+7·2	+3·6	+0·9	+7·7	−5·4	−3·7	−3·2	+0·5	−4·5
4	−3·0	+1·6	−2·2	+5·9	−1·8	+9·1	−6·0	−2·9	−1·6	+3·4	+3·0
5	−4·3	−0·4	−1·1	+3·5	−2·8	+4·7	−1·6	+0·3	+0·5	+4·8	+0·1
6	−1·9	−2·7	+2·5	+8·9	−1·5	+1·2	−2·1	−0·6	−1·1	+10·4	−3·3
7	−4·3	−3·7	−2·5	+4·4	+1·3	+2·7	+2·4	−3·2	−4·1	+6·8	−0·7
8	−2·2	−6·3	−2·0	+2·9	−1·4	+3·9	+6·4	−3·1	−1·1	+3·1	−1·1
9	+2·3	−1·5	+0·9	+3·4	−4·2	+7·6	+6·5	−3·1	−3·7	+1·3	−6·8
10	+3·7	+1·8	+0·1	+7·3	−1·5	+14·1	−7·1	−6·0	−4·1	−2·9	−6·4
11	+3·0	+2·8	−1·1	+1·5	−4·1	−0·8	−5·6	−1·5	−2·9	+0·9	+4·6
12	+1·6	+6·5	−3·3	−1·4	−9·8	+3·0	−1·4	−2·0	−5·7	−0·3	+8·0
13	+2·7	+0·2	−2·2	−2·6	−2·2	+3·6	+3·9	−4·6	−6·4	−4·9	+3·4
14	+6·2	−2·9	+1·5	−5·4	+0·1	+8·5	+6·2	−5·5	−5·5	+0·2	+2·5
15	+5·2	−2·6	+0·1	−6·6	−1·8	+10·4	+8·1	−3·2	−9·0	+2·8	+5·1
16	+5·6	+0·5	+1·6	+0·7	+2·1	+10·7	+1·0	−1·0	−8·1	−0·4	0·0
17	+9·7	−0·7	−1·1	−6·6	+3·9	+6·9	+5·7	−2·8	−5·2	+0·4	+2·9
18	+6·3	+3·5	−1·1	−5·7	+3·5	+14·5	+8·5	−3·8	−2·5	+0·1	+4·3
19	+10·1	+3·3	−9·4	−0·3	−0·5	+4·9	+10·9	0·0	−4·4	−1·3	+0·4
20	+5·8	+2·1	−7·9	+4·9	+2·1	+2·6	+2·1	+2·6	−6·1	−0·8	−1·9
21	+5·3	−1·4	−8·9	+7·3	−1·8	+4·1	−1·7	−0·9	−9·5	−0·5	+5·2
22	+6·3	−3·1	−0·9	+0·8	−1·3	+9·4	−4·4	−2·6	−3·3	−0·3	−1·0
23	+2·0	−4·8	+3·6	+0·2	−2·3	+9·1	−0·6	−6·1	−1·1	+4·1	−7·8
24	−4·0	−3·2	+3·0	−0·6	−5·5	+1·6	−0·9	−1·3	−1·9	−0·4	−4·4
25	−2·0	−4·6	+2·5	+3·3	−0·9	+2·4	+2·1	−0·3	+0·9	−2·2	+0·9
26	−2·1	+1·6	+3·0	+2·5	+6·1	+6·0	+0·5	−4·0	−1·7	+2·7	−2·5
27	−8·3	+6·9	−1·0	−2·8	+8·9	+4·1	−1·4	−6·2	−2·3	+4·6	+1·9
28	−3·2	+7·8	−0·9	+1·8	+1·3	+2·4	+1·8	−7·8	−4·5	+5·1	+5·8
29	−4·9	−5·9	+4·0	+4·0	+5·3	+4·3	+5·5	−1·1	−3·7	+2·0	0·0
30	−7·5	−6·3	+1·6	+8·8	+4·8	+2·0	+8·0	−3·3	−1·1	−0·3	−0·7
31	−7·0	−1·7	−2·9	+4·3	+2·4	−3·6	+7·6	+1·2	+2·9	+5·3	−4·3
Means	+0·6	−0·4	−0·5	+1·6	−0·4	+5·0	+1·3	−2·8	−3·6	+1·9	+0·4

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858
1	−3·3°	−3·4°	−0·8°	+6·3°	+5·0°	+1·6°	−2·4°	−0·2°	+9·3°	+4·9°	−3·2°
2	−6·0	+0·9	−2·1	+5·6	+3·1	+0·5	−0·1	−0·1	+10·2	+3·3	+0·5
3	−3·5	−4·9	+1·2	+6·4	0·0	−0·6	−9·8	−0·8	+9·7	+7·6	+4·0
4	−4·5	−7·3	+1·4	+5·6	−2·2	−1·9	−10·8	−1·5	+2·4	+7·0	+3·0
5	−2·1	−5·2	+3·7	−0·9	−0·6	−3·6	−8·9	−1·3	+2·1	+1·6	+1·3
6	−3·4	−0·2	+1·3	−1·8	−1·0	−0·8	−4·7	+0·9	+0·7	+1·4	−2·8
7	−4·8	+7·2	+3·1	+1·0	−0·5	−2·8	−5·7	+2·6	+3·2	−3·7	−4·5
8	−5·4	+7·4	+2·1	+3·2	−0·2	−1·2	−0·9	−0·4	+3·1	−4·5	−3·0
9	−7·4	+5·4	−1·3	−0·2	−2·1	−2·1	−0·5	−4·0	+1·3	−4·1	+1·4
10	−5·1	+4·7	+1·9	−1·1	−2·5	−2·8	−0·2	−1·8	+7·9	+0·7	+5·1
11	−3·4	+5·2	−1·0	+2·4	−5·4	−2·1	+1·0	+4·0	+6·9	+3·2	+3·3
12	−1·2	+1·0	−3·5	+8·2	−6·8	−2·2	−1·9	−4·3	+2·7	+3·8	+7·4
13	−3·9	−2·0	−1·7	+7·9	−2·5	−3·0	+6·1	−3·7	+5·6	+6·5	+0·9
14	−6·9	−1·2	+1·3	+3·3	+0·2	−2·6	+1·2	+2·0	+1·8	−2·3	+0·1
15	−1·8	−0·8	−1·7	+2·2	−3·2	−3·7	−3·5	+0·2	0·0	−0·1	+0·4
16	−1·1	−5·0	+3·5	+5·1	+2·5	−2·6	−6·7	+1·2	+0·3	+5·8	0·0
17	−4·9	−3·9	+2·7	+2·7	+6·0	−1·3	−10·0	+3·2	−0·7	−3·5	+7·2
18	−0·1	−6·4	+1·9	−2·0	+2·2	−2·4	−2·8	+4·8	−5·5	+0·2	+5·8
19	−4·0	−2·9	−4·4	−3·5	+1·8	+5·6	+3·1	+3·7	−2·5	+4·4	+5·3
20	−4·0	+0·8	−5·8	+3·9	−0·8	+2·2	+0·9	−0·7	−2·0	+3·4	−2·5
21	−3·0	+4·8	−10·9	+5·4	+5·8	+3·0	+0·1	+1·3	−2·1	+4·9	−3·9
22	−5·7	+3·5	−7·4	+8·1	+2·9	+2·9	−1·5	+3·0	−5·2	+7·9	−1·6
23	−3·5	+1·8	−6·8	+4·3	+4·5	−4·1	−2·2	+7·0	−4·7	+12·2	−1·0
24	−8·0	+3·5	−2·7	+0·2	+5·2	−5·2	−0·4	+4·0	+0·6	+9·6	+2·9
25	−3·5	+3·4	−1·6	−2·6	+2·4	0·0	−1·6	+0·5	−1·2	+6·0	−2·0
26	+1·1	+6·0	−3·6	−1·5	+4·3	−1·4	+1·7	−3·2	+0·4	+3·6	−3·8
27	+2·8	−2·5	−0·2	−0·7	+3·7	−5·7	+7·7	+1·9	+2·5	−2·7	−5·4
28	+3·5	+2·7	−6·5	−7·3	+4·6	−5·5	+6·0	+5·3	0·0	+2·3	−6·8
29	+0·4	+7·1	−8·2	−7·5	+6·2	−4·1	+6·3	−0·6	+0·4	+0·1	−3·0
30	−3·1	+8·1	−8·7	−6·8	−0·2	−1·7	+8·1	−2·5	−0·7	+6·1	−5·1
31	−3·3	+5·2	−5·3	−2·6	−3·1	−1·0	+2·8	+0·2	+3·0	+6·4	−2·8
Means	−3·2	+1·1	−1·9	+1·4	+0·9	−1·6	−1·0	+0·8	+1·6	+3·0	−0·1

Day of the Month	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	−1·4°	−3·2°	−1·7°	+0·1°	−1·4°	+0·1°	−9·9°	+0·5°	−5·3°	+6·6°	+0·1°
2	−1·2	−5·2	+3·0	−0·5	+1·1	−4·6	−11·2	+0·1	−12·1	+10·0	−4·6
3	+3·6	−3·0	−3·8	−2·0	+3·5	−0·6	−12·0	−2·9	−4·8	+8·9	−4·4
4	−1·5	−3·8	−0·6	−0·1	+1·9	+2·9	−10·0	−4·3	−5·1	+10·3	+2·2
5	−2·1	−4·2	+0·2	+1·3	+0·9	+9·1	−5·0	−6·6	−1·1	+10·5	−0·9
6	+1·0	−6·2	−0·4	−1·3	+2·3	+5·8	−0·2	−5·0	−4·1	+8·2	−4·4
7	+6·1	−8·4	+2·3	−6·1	+5·8	+0·6	+0·9	−4·4	−3·4	+5·3	−4·3
8	+3·4	−7·6	−1·2	−8·2	+5·8	+4·4	−2·6	−7·1	+0·4	+1·9	−1·5
9	−3·3	−6·3	+0·4	−2·8	+4·3	−1·9	−3·7	−5·7	−1·7	+6·8	+0·2
10	−2·5	−6·7	+4·5	−5·9	+5·4	−9·0	+2·7	−5·9	−3·2	+5·6	−5·7
11	−3·4	−2·9	+4·8	−3·2	+3·1	−8·4	−1·7	−2·4	+0·6	+4·6	−8·0
12	−0·6	−6·4	+11·1	+0·6	−1·6	−3·4	−2·9	−2·7	+4·3	−0·9	−5·7
13	+4·7	−4·2	+3·1	+1·9	+3·3	−0·7	−0·5	−0·9	+5·3	+1·2	−3·8
14	+2·8	−2·9	+5·5	−5·5	+1·8	+0·5	−3·0	−2·3	+13·9	+1·6	−4·2
15	−2·7	−1·0	+4·4	−2·7	+3·5	+1·7	−1·9	−2·4	+4·7	+4·1	+1·0
16	−0·7	−3·0	−4·8	−3·2	+2·6	+0·1	−2·2	−6·6	+0·6	+3·2	+0·9
17	+0·7	−5·5	−2·4	−5·4	−0·4	−1·0	−0·6	−7·6	+1·3	+2·4	−4·2
18	+1·8	−5·9	+2·9	−4·8	−8·4	−6·7	−1·2	−4·7	−0·9	+2·1	−1·8
19	+3·9	−2·3	−3·3	−1·4	−7·5	−4·5	−5·1	+0·4	+6·7	+1·6	−5·6
20	+4·5	−2·6	−3·9	−0·7	−5·0	−3·9	−0·4	+1·1	+2·1	−1·7	−3·6
21	+1·2	−1·4	−4·8	+3·7	−3·2	−7·1	−0·5	−1·0	+4·5	−0·2	−1·9
22	+1·5	−4·3	+1·2	−1·2	−0·7	−4·8	+1·9	+1·1	−2·4	−1·7	+3·5
23	+3·4	−5·8	+2·3	−3·5	+4·2	−11·3	−1·3	+3·5	−0·4	−1·7	+3·4
24	+7·0	−4·8	−1·5	−2·8	+1·4	−8·5	+2·8	+2·5	+2·4	−1·1	+4·4
25	+10·3	−2·2	+1·3	−0·8	−3·6	−10·6	−0·2	+1·1	+3·4	−4·7	+8·3
26	+5·4	−2·2	+1·3	−0·2	−2·7	−8·6	−1·0	+5·8	−4·2	−3·4	+8·8
27	+1·7	−6·3	+3·7	−1·7	−1·2	−9·3	+0·1	+4·0	−4·6	+0·3	+9·3
28	−0·4	−2·8	+2·7	−3·1	+0·6	−0·1	+0·2	−0·6	−2·6	−3·7	+9·5
29	−0·3	−0·8	+4·3	−4·9	−0·1	+2·7	−7·7	−5·3	+5·0	−1·4	−3·0
30	−6·7	−1·7	−0·8	−1·8	+2·1	+5·4	−3·7	−1·4	+1·7	+3·6	−5·4
31	−8·1	−1·5	+0·7	+1·0	−1·9	+1·6	+5·2	+0·3	+8·6	+3·9	−5·7
Means	+0·9	−4·0	+1·0	−2·1	+0·5	−2·3	−2·4	−1·9	+0·3	+2·6	−0·9

TABLE XXIV. *Excess or Defect of Temperature of every day in the month of September, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years 1826–1869; above or below the Mean of that day for all the years.*

SEPTEMBER.

Day	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840
1	+5·1	+2·4	+1·8	−0·5	+0·1	−8·0	−1·3	−8·5	+1·1	+1·0	+1·6	−5·5	−1·3	−0·7	+9·1
2	+2·6	+4·8	−1·1	−0·9	+1·4	−6·3	−2·3	−7·7	+0·2	+3·0	−[illegible]·3	−4·0	−0·1	−2·4	+7·1
3	+3·7	+1·6	−1·4	−1·9	−0·8	−5·3	−2·3	−6·3	+4·0	+6·4	−[illegible]·4	−5·8	0·0	−3·6	−5·3
4	+6·3	−1·3	+1·6	−2·9	−0·2	+2·1	−2·1	−8·5	+9·2	+8·1	+[illegible]·9	−8·1	−2·1	+1·0	−4·0
5	+0·3	−0·5	+0·1	−1·2	−0·8	+6·9	−1·5	−7·4	+5·2	+7·8	−3·4	−6·6	+4·6	+3·0	−4·6
6	+1·1	−0·3	+2·8	−0·4	−1·7	+0·1	+0·8	−2·8	−0·8	+7·6	−3·9	−5·0	+3·3	+1·6	+0·9
7	−5·7	−1·9	+6·7	−0·9	−2·1	−5·0	−1·6	−1·6	−2·5	+5·1	−3·2	+1·9	+0·8	+0·7	−0·2
8	−1·3	−2·0	+9·6	−1·3	−3·8	−2·4	+0·7	−1·6	−3·0	−0·2	−2·9	+0·5	−8·3	+5·3	−1·8
9	−3·8	+2·7	+6·0	+0·6	−2·6	−5·0	+1·0	−0·7	−0·9	−1·9	−7·4	+4·3	−8·7	+4·2	+2·7
10	−0·9	+3·5	+3·2	+3·3	−4·4	−1·8	−0·9	+0·3	+2·0	+0·9	−[illegible]·4	+2·3	−7·4	+8·4	+0·6
11	−3·0	+6·5	+10·5	−0·1	−1·6	−0·1	−3·9	−1·1	+1·4	−4·0	−1·7	+2·5	−5·1	+7·2	−2·0
12	−1·6	+0·4	+5·7	−3·3	−5·8	+1·1	−1·2	−6·9	−1·8	−3·2	−[illegible]·0	−1·4	−2·8	+0·1	−6·7
13	−0·9	+0·4	+1·6	−1·1	−2·9	+2·9	+2·2	−3·3	−2·2	−2·2	−[illegible]·7	+1·0	−2·6	−0·8	−6·3
14	+1·0	+1·9	−4·1	−3·5	−0·3	+0·1	−1·1	+3·3	−3·8	+2·4	−[illegible]·3	−3·4	+5·2	+0·9	−7·2
15	−4·9	+5·0	−5·0	−3·7	+1·2	+0·6	−6·7	−3·3	−0·8	+2·3	−1·1	−5·6	+2·5	+0·3	−8·4
16	−4·4	+6·0	−7·0	−9·0	−1·4	−2·3	+0·5	−0·3	+4·5	−3·8	−5·1	+1·4	+1·7	+0·5	−8·2
17	+2·8	+5·6	−1·1	−3·9	−4·3	−1·9	+1·8	−2·4	+8·2	−4·1	−2·3	+6·8	+2·6	−3·9	−8·4
18	−0·2	+4·9	−0·8	−1·3	−2·8	+2·0	−2·7	−1·5	+6·8	−0·8	−2·6	+2·8	+0·7	−0·4	−6·8
19	+9·1	−3·4	+0·8	−2·9	+1·5	−0·2	−8·8	−5·3	+8·6	+5·2	−4·2	+10·2	+0·5	−1·0	−8·5
20	+1·1	−4·7	+0·2	−1·8	−0·8	+0·8	−4·5	−3·0	+9·9	+4·4	−3·2	+6·0	−3·5	+0·3	−8·5
21	−0·9	+2·1	−0·1	−1·0	−8·1	+2·1	+2·0	−0·9	+8·5	+4·0	−1·1	+2·0	−4·6	−4·3	−0·1
22	−6·6	−1·5	+5·8	−1·0	−4·0	−1·5	0·0	+1·6	+3·1	+7·6	−5·3	+3·5	−1·4	−3·2	−9·5
23	−2·0	−1·7	+5·6	−0·6	+0·1	+3·8	+1·3	+0·1	−2·6	+5·2	+2·0	0·0	+0·9	−3·6	−6·8
24	+3·5	−0·7	+7·0	−3·3	−3·3	+6·1	+4·2	+2·7	−2·2	−0·8	+4·6	−4·0	−3·7	+0·1	−3·4
25	+5·1	+1·4	+7·2	−4·9	−4·2	+6·0	+5·3	+2·8	+3·2	−1·7	+6·5	−4·4	−5·7	+4·5	−8·1
26	+8·2	+7·2	+11·1	−0·8	−3·7	+3·6	+4·5	−0·7	+3·8	−0·7	+9·7	−4·7	−2·8	+0·8	−2·8
27	+5·4	+6·8	+1·2	−0·8	+0·4	+6·5	+3·8	−2·1	+4·1	−1·6	+3·4	−0·6	−5·5	−0·2	+0·2
28	+6·4	+3·8	+4·0	−6·7	+3·4	+9·3	+3·7	−1·8	+4·3	−[illegible]·0	−1·4	−4·2	−1·9	−2·9	−1·9
29	+7·3	+2·4	+4·8	−9·8	−1·8	+7·6	+8·8	−2·2	+0·1	+[illegible]·9	−2·9	−4·4	+0·4	−4·4	−4·9
30	+7·2	+5·5	+0·9	−7·7	−5·5	+9·7	+4·2	−3·3	−1·8	+[illegible]·1	−10·4	+1·1	+3·5	−1·4	−3·1
Means	+1·3	+1·9	+2·6	−2·5	−2·0	+1·0	+0·1	−2·4	+2·2	+[illegible]·6	−2·7	−0·7	−1·4	+0·2	−3·6

Day	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
1	−4·0	+1·5	+11·1	+3·1	−2·6	−0·5	−3·6	−3·7	+3·7	−1·1	+6·5	+0·2	−1·5	−1·8	−2·8
2	−0·3	+10·2	+9·6	+3·7	−2·8	−0·1	−5·6	−1·6	+6·1	+3·0	+6·8	+2·0	−6·7	−1·3	−2·8
3	+4·0	+4·0	+10·1	+5·7	−5·9	−0·6	−7·4	+0·2	+6·8	−2·0	+5·8	+3·6	−4·7	+0·5	0·0
4	−12·0	+2·4	+0·1	+7·1	−6·2	+3·2	−9·4	+2·0	+7·4	−7·8	+1·9	+4·3	−1·8	−1·3	−1·4
5	−11·0	+1·7	−0·8	+4·2	−5·0	+8·1	−7·9	+9·1	+5·3	−6·0	+0·1	+3·5	−0·6	−2·0	−5·8
6	−10·2	+1·0	+4·8	+6·1	−6·3	+8·3	−9·0	−0·9	+2·8	−9·7	−2·2	+1·5	−2·0	−2·1	−9·1
7	−4·9	+4·0	+7·1	+5·4	−5·3	+7·9	−5·3	−2·7	−2·8	−8·1	−1·7	+2·3	−4·5	+2·3	−7·5
8	+0·4	−3·4	+8·8	+6·0	−5·2	+4·1	−1·3	+2·2	−4·4	−9·6	−5·0	+4·5	−4·5	−4·6	−5·6
9	+1·9	+0·2	+7·2	+0·2	−1·5	+7·0	−2·2	+0·9	−0·4	−4·7	−5·7	+3·8	−3·8	−3·9	−4·2
10	+3·4	0·0	+6·0	−2·2	+1·9	+8·7	+0·3	−0·8	+3·3	−5·5	−5·4	+5·4	−1·7	−3·5	−3·8
11	+7·2	+2·5	+7·6	+0·1	−0·6	+7·3	+1·5	−5·6	−0·9	−3·5	−4·5	+0·5	−0·3	−2·6	−1·1
12	+11·8	+0·3	+5·7	+2·7	−0·2	+7·7	+6·4	−10·3	−5·8	−3·7	−0·8	−1·1	+5·3	+4·8	−0·8
13	+10·9	+1·4	+1·9	+3·7	+1·1	+4·2	−0·6	−7·3	−3·3	−5·5	−3·6	−0·2	−4·1	+7·2	+1·5
14	+10·8	+5·7	+5·9	+7·2	−1·4	+3·8	−5·4	−4·9	+0·5	−4·6	−1·1	−2·3	−1·6	+4·4	−6·0
15	+7·0	+5·8	+9·1	+7·8	−7·5	+5·7	−3·4	−8·4	−0·3	+0·8	−2·0	−1·4	+0·1	+4·5	−3·7
16	+0·6	+1·0	+9·3	+7·5	−0·7	+4·4	+0·3	−6·3	+2·0	+0·3	+0·6	−6·8	+1·9	+7·6	+2·3
17	−3·1	+4·6	+9·3	+5·1	+2·3	+6·7	−6·3	−3·7	−3·3	−1·7	−0·1	−9·4	+2·4	+4·4	0·0
18	−0·8	+0·8	+10·4	−4·5	+1·3	+0·1	−9·7	−4·5	−7·4	+1·4	+0·6	+0·9	+0·8	+3·2	+4·2
19	+2·8	+0·8	+8·1	−3·8	−5·6	−0·2	−4·7	−4·4	−4·4	+4·1	+0·7	+0·7	+1·4	+7·6	+3·1
20	+9·3	−3·5	+6·1	−3·5	−0·5	+3·2	−4·4	+0·9	−2·1	+4·7	0·0	−0·6	−3·3	+1·9	+2·8
21	+5·6	−3·6	+6·0	−0·4	+1·4	+5·3	−0·7	+2·5	+0·4	+1·5	+1·3	−5·8	−1·6	−1·6	+3·1
22	+5·0	−4·4	+3·9	−2·5	−3·3	+5·9	+2·9	+6·3	+2·1	+1·8	+1·0	−5·2	+4·0	−5·2	+2·4
23	−0·2	−4·3	+3·3	−1·3	−11·6	+4·8	+3·0	+1·9	0·0	+2·6	+0·5	+0·1	−1·4	+1·8	+8·3
24	+1·1	−1·2	+0·9	−2·9	−7·2	+3·1	−3·7	+3·3	+0·5	+2·0	+2·2	−0·7	−7·5	+1·2	−1·7
25	+1·4	+0·8	−1·7	−4·4	−3·7	+1·7	+1·2	+5·8	−0·1	+2·3	−0·2	−0·2	−0·5	−3·5	−4·9
26	+0·9	+0·1	−5·9	−3·6	−4·2	+3·1	−4·6	+2·4	+1·8	−1·2	−5·5	−1·4	−6·5	−4·0	−8·0
27	+3·9	−3·5	−9·3	−4·0	−1·5	+2·3	−10·5	+2·4	+5·9	+1·8	−4·1	−1·1	−1·1	−2·1	+3·5
28	+5·6	−2·7	−8·0	−1·6	−3·3	−1·7	−8·1	+0·1	+4·8	−1·4	−4·3	+0·1	+4·6	−1·1	+6·7
29	+3·2	−3·0	−4·8	−5·9	−2·8	−4·4	−1·3	−1·6	+6·2	−1·8	−6·6	−2·5	+0·4	−0·7	+7·0
30	+0·8	−4·6	+5·6	−6·6	−4·4	−4·8	−0·8	+1·8	+2·1	−4·6	−0·8	−4·1	−4·2	−0·3	+3·5
Means	+1·7	+0·5	+4·2	+0·9	−3·0	+3·5	−3·3	−0·8	+0·9	−1·9	−0·8	−0·3	−1·4	+0·3	−0·7

Day	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years
1	−1·1	+3·5	−0·5	−5·1	−4·4	+3·6	−1·4	−0·6	−0·5	−0·1	+0·6	+9·1	+3·8	−6·1	59·6
2	−5·0	−4·9	+2·2	−0·2	−4·1	+6·2	+0·4	−1·8	−2·6	+4·4	−3·2	+7·9	+2·0	−6·8	59·6
3	−4·4	−6·8	+7·3	0·0	−3·1	+2·3	−4·8	+1·0	+1·1	+5·7	−4·8	+4·8	+5·3	−5·8	59·8
4	−3·3	−3·0	+0·3	−2·1	−5·8	+4·1	−2·0	−1·7	+2·8	+4·8	+1·4	+5·6	+6·3	+2·0	59·7
5	−4·3	−1·3	−3·3	−1·2	−1·9	+7·9	−2·4	−5·6	−1·9	+4·0	+2·0	0·0	+6·6	+7·5	59·5
6	−1·2	+1·5	−2·0	−3·1	−1·5	+5·6	−4·9	−1·4	+6·3	+5·5	+1·3	+2·0	+11·2	+4·1	59·5
7	−1·0	+3·3	+1·8	−0·7	−4·3	−1·1	−3·9	−0·4	+7·6	+5·1	+0·5	+1·8	+11·5	+6·2	60·0
8	−2·1	0·0	+2·6	+3·8	+0·4	−4·9	+2·8	−3·7	+8·6	+11·8	+0·4	+0·7	+0·2	+7·7	59·9
9	−1·0	+3·5	+2·8	+1·0	−7·3	−1·4	+3·8	−2·0	−2·5	+6·0	+0·7	+2·9	+0·2	+6·2	59·6
10	+3·1	+5·5	+6·4	−5·4	−11·1	−3·3	−10·4	−4·9	−5·4	+10·7	+1·9	−0·3	+4·1	+1·4	58·5
11	+3·5	−2·7	+2·5	−4·3	−9·8	−4·6	−2·0	−4·1	−9·8	+12·1	−1·5	+5·5	+4·1	+3·0	57·4
12	+0·9	+1·9	+6·0	−1·0	−9·6	+0·7	−0·3	−0·1	−7·8	+10·3	−3·0	+6·2	+6·0	−2·4	57·5
13	−2·6	+1·7	+7·2	−6·3	−3·1	−1·5	+3·5	−2·1	−2·1	+10·0	+0·9	+0·2	+4·0	−0·4	57·8
14	−4·4	+3·9	+6·6	−5·0	−0·1	−2·9	+4·3	−1·7	−3·1	+7·9	−0·1	−0·9	+1·2	+5·0	56·8
15	−3·9	+7·0	+4·9	−2·5	−0·7	−2·0	+5·6	−1·8	−2·4	+10·5	−1·6	+0·1	+0·6	+1·1	57·2
16	−1·6	+3·8	+7·7	−1·4	−2·0	−4·6	−0·8	−0·1	−1·0	+9·0	−3·5	−4·6	−1·4	+2·3	58·7
17	+0·9	+5·7	+5·3	−4·0	+2·4	−2·8	−4·4	−3·9	−3·8	+4·1	−4·0	−4·1	+4·1	+3·1	58·1
18	−4·7	+4·3	−0·6	−2·0	−6·6	−1·0	+0·8	+3·0	−2·1	+3·0	−2·0	+4·1	+2·6	+5·2	56·7
19	−7·6	−0·8	−0·3	−5·2	−6·2	−0·7	+3·1	+4·5	−3·0	+3·5	+0·4	+2·8	+2·4	−1·8	56·7
20	−7·4	+0·3	+2·5	−1·2	+0·8	−2·0	+6·1	−3·4	+0·8	+6·4	−6·4	+0·9	+4·1	−4·2	56·2
21	−2·1	+1·7	+5·6	−3·4	−1·4	−2·3	−1·1	−4·5	+2·2	+2·3	−2·2	−1·1	+5·2	−3·3	55·9
22	−1·4	+2·7	+3·6	−1·1	−1·2	+0·1	−1·6	−3·8	+2·0	−0·6	−7·7	+0·2	+3·1	+0·9	56·4
23	−1·1	+3·2	+6·0	+4·5	−8·1	−0·5	−4·0	−8·2	+1·4	0·0	−5·4	−1·5	+0·6	+4·7	56·5
24	−1·4	+5·9	−2·1	+8·7	−7·7	−3·2	+1·4	−7·2	+1·7	+4·4	−3·3	−4·9	+2·1	+9·5	56·0
25	−3·7	+7·1	−0·6	+6·3	−12·1	−4·7	+3·2	−4·0	+0·1	+4·6	−3·7	−7·1	−1·5	+7·1	55·7
26	−1·8	+2·8	+3·8	+4·0	−5·9	−6·6	+5·8	−6·2	−0·6	+5·4	+1·7	−3·0	+3·2	+2·5	55·6
27	−4·5	+5·6	+2·2	−0·2	+0·2	−5·0	+3·0	−8·5	−2·0	+3·5	+1·5	−2·8	+1·8	+0·9	55·8
28	−3·3	+1·1	+0·5	+0·9	−4·6	+0·2	+4·8	−5·9	−1·1	−1·2	+4·4	+1·7	+2·5	+2·6	55·5
29	−2·0	−1·9	+7·9	−1·0	−4·0	+0·2	+6·5	−8·0	−0·4	+1·7	+5·2	+0·2	+2·7	+9·6	55·8
30	−1·8	+1·3	+1·5	+1·8	−5·9	+6·0	−1·3	−3·9	−0·1	−1·8	+2·2	+2·2	+1·0	+5·2	55·2
Means	−2·3	+1·8	+2·9	−0·8	−4·3	−0·6	+0·3	−3·1	−0·5	+5·1	−0·9	+0·9	+3·3	+2·2	

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TABLE XXV. *Excess or Defect of Temperature on every day in the month of October, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years 1826–1869; above or below the Mean of that day for all the years.*

OCTOBER.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839
1	+0·5	+2·3	+2·0	−1·8	+1·8	+9·8	+5·9	−4·8	−2·5	+1·0	−5·1	+3·7	0·0	−0·8
2	−1·7	+3·4	−2·6	−0·6	+4·2	+4·8	+4·6	−2·5	−3·0	−1·9	−8·6	+9·1	+0·7	+0·4
3	−3·3	−0·7	−0·2	+0·6	+3·3	+6·8	+3·8	−3·4	−4·1	−3·7	−11·2	+7·7	−1·7	−4·1
4	−6·8	+0·3	+0·1	+0·1	−1·8	+4·3	+5·2	−3·6	+0·5	−1·2	−10·4	+5·1	−3·7	+3·0
5	−8·7	+3·0	+6·0	−0·8	−1·4	+4·9	+3·0	−1·1	+8·2	−2·4	−4·4	+4·4	+0·2	−4·0
6	−11·3	+0·2	+3·0	−5·7	−2·2	+10·4	−2·6	−0·1	+5·6	+0·6	+0·4	+3·8	−0·6	−2·4
7	−6·0	−1·3	+1·9	−14·5	+1·4	+10·0	+0·9	−2·8	+7·6	−0·2	+2·5	+1·6	−1·5	−1·1
8	+4·2	+2·5	+1·8	−12·0	+4·0	+1·0	−2·9	−0·8	+7·0	+0·6	−0·7	+1·1	−0·3	+5·3
9	−2·6	+6·0	+0·1	−11·9	+0·8	+4·9	+0·6	−0·4	+7·9	+0·2	+1·8	−1·6	+0·4	+9·6
10	+3·8	−0·3	+4·2	−4·4	−1·9	+5·9	+7·8	−4·6	−3·8	−6·8	+4·7	+2·3	−1·0	+6·1
11	+9·6	−2·9	+2·1	+1·6	−0·9	+5·3	+10·3	−3·1	−0·1	−6·1	0·0	+1·2	+0·7	+9·6
12	+10·6	−1·6	+5·2	+2·4	−1·3	+6·7	+5·6	−3·5	+1·2	−3·4	+0·9	−0·3	−7·7	+0·9
13	+5·6	−8·1	+5·8	+3·3	−1·7	+11·9	−0·9	−3·1	+2·7	+7·2	+4·9	−2·8	−15·7	−0·8
14	+3·9	−0·6	+5·4	−4·0	−6·5	+8·3	+0·4	+3·7	+6·0	+4·8	+3·0	−6·3	−13·7	+1·5
15	+7·0	+5·5	+0·8	−10·0	−7·7	+6·8	+2·8	−1·8	−2·7	+4·6	+1·7	−4·8	+0·6	−2·2
16	−0·8	+6·5	+1·3	+0·5	−6·0	+3·6	+0·7	−4·3	+4·0	+3·8	+3·6	−1·8	+6·7	−2·0
17	−0·8	+2·2	−0·1	+4·8	−5·7	+6·9	−2·2	−3·3	+1·4	+0·2	+5·6	+0·2	+1·9	−3·2
18	+6·3	+7·2	−4·5	+6·6	−0·1	+10·2	+1·9	−3·8	+1·6	−4·1	+9·0	+1·7	−1·5	+1·1
19	+8·0	+7·1	−5·8	+8·2	+6·6	+5·5	−0·8	−3·9	−0·1	−10·1	+1·1	−1·4	+4·0	−1·9
20	+9·6	+8·2	−3·4	+6·4	+9·5	+8·7	−5·5	−6·5	+5·2	−6·6	−5·5	+2·2	+9·5	+1·4
21	+11·7	+8·5	+1·3	+3·3	+9·8	+1·5	−2·8	+7·6	−3·1	−7·5	−1·0	−0·8	+9·1	+4·9
22	+7·5	+5·8	+5·5	−2·3	+10·6	+4·9	−7·2	+6·8	+1·8	−2·6	−4·0	+3·2	+7·6	+2·3
23	+6·7	+5·4	+0·3	−7·4	+3·1	+5·4	−2·0	+3·7	−3·6	−2·2	−2·4	+4·8	+4·8	+1·8
24	+7·9	+5·4	−5·4	−3·9	+4·7	+6·1	−1·9	+8·2	−8·3	−0·3	+2·4	−3·4	+2·5	+1·6
25	+5·2	+6·9	+2·5	−2·4	+8·6	+7·5	−3·0	+9·4	−5·3	+2·4	+2·2	−7·2	+4·5	+0·2
26	+0·4	+9·1	+1·0	−2·9	−3·6	+8·8	−1·9	+11·0	−3·2	−0·6	+4·2	−1·2	+4·4	−1·4
27	+1·1	+7·9	+4·2	−1·3	+1·3	+6·3	−0·9	+7·4	+4·1	−5·5	−3·2	−1·2	+5·5	−2·1
28	+0·1	−3·2	+0·6	−3·7	+8·7	+9·0	+3·8	+8·6	+3·5	−3·3	−12·3	−2·1	+5·6	−1·0
29	+4·7	−4·5	−1·3	−2·4	+1·7	+6·2	+5·2	+10·9	+2·9	+2·0	−13·0	−2·5	+2·0	−3·3
30	+6·4	−2·3	−7·2	+3·4	−1·2	+2·4	+1·5	+5·2	+0·9	−3·9	−14·0	+3·5	+1·7	−4·0
31	+3·1	−1·5	−1·5	−6·4	+4·9	+6·9	+3·3	+4·3	+5·8	+2·4	−14·2	−1·7	−2·8	−7·4
Means	+2·6	+2·5	+0·7	−1·9	+1·4	+6·5	+1·0	+0·9	+1·2	−1·4	−2·0	+0·5	+0·7	+0·2

Day of the Month	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
1	−1·2	−0·2	−5·1	+9·0	+1·4	−6·7	−0·5	+2·8	−1·5	−2·8	−4·8	−0·4	−4·2	−6·1	−1·3	−1·3
2	−2·0	−1·0	−8·2	+5·2	+3·6	+5·8	+3·5	−1·7	+1·6	−7·4	−3·7	−2·9	−5·7	−10·8	+0·6	−1·6
3	−7·4	+1·2	−2·8	+5·3	+5·7	+3·4	−2·5	−1·0	+2·9	−1·7	−3·8	+0·9	−4·3	−13·1	−3·1	+1·5
4	−3·8	+0·9	−6·3	+6·1	0·0	+2·8	+4·1	−2·1	+8·1	−5·0	−4·2	+1·7	−3·3	−4·5	−2·7	+4·7
5	−2·9	+0·7	−8·2	+8·2	+1·8	−5·8	+6·6	−3·1	+8·1	−5·9	−2·5	−0·7	−1·2	−0·9	+8·0	+0·7
6	−12·0	−1·3	−3·2	+8·1	−0·3	−4·9	+5·1	+2·6	+9·7	−4·3	−2·0	−1·7	−7·3	−3·0	+0·6	+4·5
7	−11·3	−0·1	−0·4	+8·0	−7·3	−6·3	+3·3	−1·2	+8·2	+2·2	−1·5	−1·3	−8·3	−2·4	−2·4	+0·9
8	−9·1	−1·0	+0·1	+5·2	−6·4	−4·0	+0·8	+2·8	+5·5	−4·8	−5·3	−5·6	−11·5	−0·8	+2·5	−0·8
9	−9·8	−0·6	+1·8	−5·1	+5·0	−7·2	+4·8	+5·1	+3·4	−10·1	−6·3	+1·7	−13·5	−2·6	+6·4	+0·4
10	−9·5	+1·7	+1·4	−3·4	+1·8	−5·1	+2·8	+4·5	−0·7	−11·6	−5·7	+9·8	−6·0	−1·8	+4·3	−5·5
11	−2·0	+1·2	−0·2	+2·4	−0·4	−8·2	−0·3	+2·2	−3·9	−5·8	−10·6	+6·6	−5·1	−1·0	−0·3	−1·0
12	−6·3	−2·3	−0·6	−5·0	+4·9	−3·9	+0·2	+8·6	−3·6	−5·8	−10·2	+10·1	−7·0	+0·9	−7·6	+2·5
13	−6·4	+1·6	−3·0	−9·1	+4·8	+1·1	−4·9	+4·7	−0·9	−8·1	−7·3	+7·2	−5·3	+2·6	−3·1	−2·5
14	−4·7	+7·2	−2·4	−9·7	+1·7	−2·8	−1·5	−0·3	−4·0	−7·0	−6·7	+5·3	−1·3	+3·9	−1·0	−5·8
15	−5·7	+4·6	+2·2	−13·1	+3·1	+6·2	−1·6	−1·3	−4·1	−6·5	−9·4	+1·2	+0·3	+2·0	−1·2	−5·4
16	+0·1	+2·7	+1·7	−13·7	−0·4	+0·4	+3·3	+5·5	−1·9	−4·1	−5·9	−7·0	−2·4	−3·6	−3·5	−3·2
17	+1·6	+5·1	+0·8	−7·8	−0·9	+2·8	+1·9	+4·3	−7·2	+4·7	−1·9	−6·4	−6·0	−2·0	−6·5	+2·3
18	+1·9	+0·9	−2·3	−12·0	−4·4	+5·4	−4·3	+6·8	−11·6	+5·5	+3·2	+5·3	−5·4	−4·4	−5·4	+2·0
19	+0·8	−2·5	−8·5	−13·8	−2·0	+5·4	+1·5	+6·3	−5·7	+6·3	+3·2	+9·2	−7·4	−0·3	−7·1	+0·6
20	−5·6	−2·3	−13·5	−8·2	−2·4	+0·6	+0·2	−0·7	−4·4	+7·2	−2·7	+10·6	−5·5	−2·1	−1·0	+3·8
21	−3·3	−10·3	−15·3	−5·0	−1·3	−3·8	+0·9	+0·5	−8·4	+1·3	−6·9	+7·1	+1·7	+0·9	+0·5	+4·4
22	−3·9	−8·5	−9·1	+1·5	−5·7	−1·1	−3·8	−0·4	−3·0	+0·4	−7·6	+3·1	+5·7	+8·0	−0·9	+5·5
23	−3·9	+2·2	−5·0	+1·5	−9·3	−7·6	−6·5	+1·1	+0·5	+6·8	−6·7	+3·9	+0·2	+8·7	−6·3	+2·6
24	−5·1	−4·8	−10·9	+6·1	+0·6	−6·7	+0·3	−4·1	+4·3	+6·8	−9·4	+5·2	−0·7	+6·3	−4·1	−3·9
25	−7·9	−4·3	−5·5	−5·0	−1·7	−5·6	−1·0	−7·2	+2·7	+9·2	−7·9	+4·0	−2·8	+4·4	−5·9	+2·5
26	−4·3	−1·1	−6·6	−7·6	−1·1	−5·2	−2·9	−3·2	+1·2	+5·9	−8·1	+3·4	−6·4	+10·8	−6·8	+0·9
27	−4·3	+0·1	−1·4	−4·1	−0·3	+0·2	−5·0	+4·4	+3·9	+10·3	−5·2	+3·1	−3·5	+11·6	−6·9	−6·0
28	−2·8	−0·4	−3·9	−1·7	−7·3	+6·3	−8·1	+5·1	+0·6	+8·7	−3·8	+2·1	+1·8	+8·6	+0·5	−0·8
29	−5·4	+1·9	−7·8	−3·5	+0·8	+2·6	+1·4	+6·5	−0·8	+5·2	−7·9	−4·3	−3·1	+2·7	−1·3	+1·1
30	−1·3	+0·1	−5·1	+7·3	−4·4	+6·1	−1·6	+5·6	−1·5	+2·5	−3·9	−3·3	+7·0	+0·2	+4·3	+3·0
31	−0·6	+2·9	−0·7	−0·6	−0·8	−0·3	−5·2	+9·5	−3·4	−1·0	−0·3	−5·4	+6·7	+3·7	+8·0	−1·3
Means	−4·5	−0·2	−4·1	−1·8	−0·7	−1·2	−0·3	+2·0	−0·2	−0·3	−5·0	+2·0	−3·4	+0·5	−1·4	+0·1

Day of the Month	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	−1·1	+2·7	−3·0	+5·7	−5·1	+7·5	+1·5	−0·8	0·0	+5·4	+1·8	−5·7	−0·8	+4·1
2	+1·6	+2·8	+1·5	+6·3	−2·3	+1·4	+8·6	−1·5	−3·4	+7·0	+4·6	−4·5	−3·9	+1·9
3	+5·3	+3·6	+5·8	+5·6	−1·7	+3·8	+8·0	+4·5	−6·1	+3·5	+7·6	−9·4	−6·6	+1·7
4	+6·8	+0·7	+2·7	−9·8	−2·7	+4·1	−0·3	+4·6	−5·6	+0·6	+4·5	−11·6	−3·1	+0·2
5	+1·0	−3·5	−4·1	+9·6	+0·1	+6·4	+2·0	−4·0	−4·2	−0·7	+2·7	−12·2	+1·5	−2·5
6	+2·9	−1·7	−2·3	+8·5	+3·5	+5·3	+8·8	−4·4	−7·7	−0·2	+4·1	−8·7	+1·3	+2·2
7	+1·6	+1·9	+0·8	+9·7	+2·1	+7·8	−0·9	+3·2	−2·6	+1·6	+3·4	−7·7	−3·8	+4·4
8	+0·7	−0·4	−8·1	+6·6	−2·3	+10·2	+4·3	+6·6	−0·7	+3·3	+2·3	−9·0	−1·8	+9·1
9	+2·4	−2·8	−5·4	+6·6	−6·5	+7·2	+4·5	−0·1	−0·6	+7·0	−0·5	−8·7	−1·2	+8·9
10	+0·7	−1·4	−3·9	+2·8	−6·6	+7·6	+5·2	+5·1	−1·9	+5·7	+0·6	−10·5	−1·2	+9·0
11	+2·3	+4·2	−8·9	+1·2	−9·8	+4·9	+5·1	+3·2	−1·4	+3·9	−1·0	−8·3	−4·0	+6·7
12	+1·7	+6·8	−6·4	+2·9	−12·5	+7·6	+4·4	+3·0	+0·9	−0·6	−2·3	−7·8	+1·0	+8·6
13	+3·2	+4·7	+4·4	+0·9	−3·8	+9·9	+2·6	+5·9	+0·1	−3·4	−3·9	−5·6	−0·8	+6·4
14	+2·8	+0·3	+6·8	+3·8	−4·2	+8·7	+8·2	+4·5	−1·1	−1·5	−2·1	+0·5	−3·2	−2·0
15	+3·0	+3·3	+4·6	+5·4	−0·2	+4·9	+7·2	+2·1	−3·6	−2·6	−4·7	+5·7	+0·6	+3·2
16	+1·3	+3·9	+4·0	+6·4	+0·6	−0·5	+3·0	+6·0	+0·5	−1·2	−10·6	+5·5	−0·5	−0·5
17	+2·4	+4·6	+2·0	+0·5	−2·5	−1·7	+2·7	+4·7	+4·3	+0·8	−1·0	+4·0	−5·1	−8·1
18	+0·6	+3·4	−0·1	+1·2	+1·6	−1·5	−6·6	+1·9	+2·6	−0·5	+0·6	+2·3	−8·0	−8·7
19	−1·2	+3·9	+3·6	+1·3	+2·8	−0·2	+1·0	+7·0	+6·2	−7·2	+6·9	−3·8	−11·4	−11·7
20	+2·7	+6·9	+3·2	+0·8	−2·1	+1·2	−6·9	+4·6	+3·6	−8·2	+6·2	−3·3	−10·0	−7·0
21	+1·7	+3·1	+2·5	−2·6	−5·0	+3·4	+0·2	+4·2	+3·5	−6·7	+6·4	+1·7	−7·0	−2·0
22	+2·5	−5·3	−1·6	−4·2	0·0	+2·8	−0·3	+2·8	+2·2	−2·8	−1·2	+9·2	−8·2	−5·2
23	+4·8	−0·3	+1·8	−8·6	+5·8	+2·9	+0·4	+3·2	+1·5	−0·6	−1·6	+4·5	−5·2	−0·7
24	+1·8	+6·3	+2·6	−8·6	+5·9	+8·2	−1·4	−4·6	−4·3	+4·1	+2·1	+4·4	−0·6	−1·9
25	−2·1	+0·9	+2·2	−9·0	+8·9	+9·2	−5·7	−4·3	+2·8	−2·2	−2·8	+2·3	+2·2	−3·3
26	−7·3	+4·2	+2·5	−5·0	+5·9	+3·2	+2·1	−2·5	+6·9	+1·9	−1·0	+5·8	−0·5	−7·3
27	−6·9	+5·0	+0·5	−3·0	+4·8	+3·5	+2·0	−3·5	+7·5	−1·5	−2·4	−0·7	−5·5	−12·1
28	−8·2	+3·9	+0·4	−3·5	+7·5	+0·9	−2·1	+1·6	+4·9	−6·3	+0·4	−4·0	−3·6	−9·5
29	−5·3	+3·2	−5·7	−3·2	+2·9	+1·8	−2·3	+1·5	+6·9	+1·6	−2·8	+8·5	+2·2	−4·1
30	+0·2	−0·5	−5·5	−7·4	+3·3	+2·0	−9·3	−0·8	−1·4	+0·7	+4·5	+6·4	+1·4	−3·3
31	+5·2	−2·4	−10·9	0·0	−1·2	+1·0	+1·5	−1·5	−3·8	−2·0	−2·3	+7·3	+5·1	−2·6
Means	+0·9	+2·0	−0·5	−0·3	−0·4	+4·3	+1·5	+1·7	+0·2	−0·1	+0·6	−1·7	−2·6	−0·9

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TABLE XXIV. *Excess or Defect of Temperature on every day in the month of November, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years 1826–1869; above or below the Mean of that day for all the years.*

NOVEMBER.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841
1	+5·1	+2·4	+1·8	−0·5	+0·1	−8·0	−1·3	−8·5	+1·1	+4·6	−6·0	+3·0	−3·3	−3·8	+3·1	+1·0
2	+2·6	+4·8	−1·1	−0·9	+1·4	−6·3	−2·3	−7·7	+0·2	+3·3	+0·6	−6·0	−6·9	−2·3	+4·2	−0·4
3	+3·7	+1·6	−1·4	−1·9	−0·8	−5·3	−2·3	−6·3	+4·0	+0·4	+0·8	−6·7	−3·0	+2·5	+3·0	+0·7
4	+6·3	−1·3	+1·6	−2·9	−0·2	+2·1	−2·1	−8·5	+9·2	+3·5	−1·4	−6·1	+2·2	+2·1	+4·4	−0·3
5	+0·3	−0·5	+0·1	−1·2	−0·8	+6·9	−1·5	−7·4	+5·2	+6·6	−6·0	−5·0	−0·1	+4·1	+3·0	+1·0
6	+1·1	−0·3	+2·8	−0·4	−1·7	+0·1	+0·8	−2·8	−0·8	+8·1	−8·0	−8·1	+2·2	+2·3	+2·3	+1·1
7	−5·7	−1·9	+6·7	−0·9	−2·1	−5·0	−1·6	−1·6	−2·5	+2·3	−10·4	−10·8	+9·5	+4·7	+3·8	+1·0
8	−1·3	−2·0	+9·6	−1·3	−3·8	−2·4	+0·7	−1·6	−3·0	−0·3	−7·6	−15·0	+5·6	+6·3	+4·4	+1·6
9	−3·8	+2·7	+6·0	+0·6	−2·6	−5·0	+1·0	−0·7	−0·9	−4·9	+6·4	−6·0	+0·6	+8·6	+4·5	+4·1
10	−0·9	+3·5	+3·2	+3·3	−4·4	−1·8	−0·9	+0·3	+2·0	+5·9	+3·6	+6·5	−4·4	+9·9	+0·7	+6·8
11	−3·0	+6·5	+10·5	−0·1	−1·6	−0·1	−3·9	−1·1	+1·4	−2·9	+2·2	+2·5	−7·4	+2·9	−0·7	+5·1
12	−1·6	+0·4	+5·7	−3·3	−5·8	+1·1	−1·2	−6·9	−1·8	−0·8	+0·6	−3·2	−4·3	+6·1	+1·5	+4·5
13	−0·9	+0·4	+1·6	−1·1	−2·9	+2·9	+2·2	−3·3	−2·2	−2·9	+8·1	−0·9	−5·8	+4·9	+7·2	−2·1
14	+1·0	+1·9	−4·1	−3·5	−0·3	+0·1	−1·1	+3·3	−3·8	+1·6	−2·5	+1·4	−3·8	+7·0	+1·8	−5·3
15	−4·9	+5·0	−5·0	−3·7	+1·2	+0·6	−6·7	−3·3	−0·8	+1·0	−1·4	−5·5	−0·1	+9·6	+0·5	−10·0
16	−4·4	+6·0	−7·0	−9·0	−1·4	−2·3	+0·5	−0·3	+4·5	−0·7	+5·6	−8·9	−0·8	+9·9	+15·2	−12·5
17	+2·8	+5·6	−1·1	−3·9	−4·3	−1·9	+1·8	−2·4	+8·2	−4·4	+3·8	−7·7	+3·0	+11·5	+5·7	−12·8
18	−0·2	+4·9	−0·8	−1·3	−2·8	+2·0	−2·7	−1·5	+6·8	−4·7	−2·3	−4·3	+1·0	+9·9	−2·6	−7·0
19	+9·1	−3·4	+0·8	−2·9	+1·5	−0·2	−8·8	−5·3	+8·6	+0·9	−2·4	+6·4	−2·2	+6·2	−3·3	+0·8
20	+1·1	−4·7	+0·2	−1·8	−0·8	+0·8	−4·5	−3·0	+9·9	+7·2	−3·6	+1·1	−3·2	+0·5	−5·4	+1·7
21	−0·9	+2·1	−0·1	−1·0	−8·1	+2·1	+2·0	−0·9	+8·5	+8·5	−7·0	+0·2	+0·7	−0·7	+0·1	+8·1
22	−6·6	−1·5	+5·8	−1·0	−4·0	−1·5	0·0	+1·6	+3·1	+9·7	−0·4	+10·6	+1·3	−2·8	−2·8	+7·8
23	−2·0	−1·7	+5·6	−0·6	+0·1	+3·8	+1·3	+0·1	−2·6	+9·3	+0·1	+7·3	+0·8	−4·2	+1·1	−1·5
24	+3·5	−0·7	+7·0	−3·3	−3·3	+6·1	+4·2	+2·7	−2·2	−10·6	−5·5	+2·1	−6·0	+6·5	+6·2	−4·6
25	+5·1	+1·4	+7·2	−4·9	−4·2	+6·0	+5·3	+2·8	+3·2	−10·9	−6·9	−5·9	−8·3	+11·6	−4·4	−6·2
26	+8·2	+7·2	+11·1	−0·8	−3·7	+3·6	+4·5	−0·7	+3·8	−12·9	+2·1	−1·7	−9·3	−2·4	−8·6	−5·9
27	+5·4	+6·8	+1·2	−0·8	+0·4	+6·5	+3·8	−2·1	+4·1	−10·5	+12·3	+0·3	−3·9	−10·7	−11·8	+6·9
28	+6·4	+3·8	+4·0	−6·7	+3·4	+9·3	+3·7	−1·8	+4·3	−4·1	+12·4	−2·2	+3·5	−3·0	−14·0	+6·3
29	+7·3	+2·4	+4·8	−9·8	−1·8	+7·6	+8·8	−2·2	+0·1	+6·5	+8·3	−7·0	+6·8	+4·8	−11·0	+12·4
30	+7·2	+5·5	+0·9	−7·7	−5·5	+9·7	+4·2	−3·3	−1·8	+10·3	+0·2	+4·2	+6·3	+3·2	+7·0	+9·2
Means	+1·3	+1·9	+2·6	−2·5	−2·0	+1·0	+0·1	−2·4	+2·2	+1·9	−0·1	−2·2	−1·0	+3·5	+0·5	+0·4

Day of the Month	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
1	−3·3	−5·4	−1·1	−3·3	−3·4	+5·3	−3·6	+0·8	+8·5	−4·7	+12·2	+5·4	+0·4	−10·7
2	−3·7	−1·6	−4·0	−4·4	+3·7	+3·6	−2·2	+0·8	+5·3	−7·2	+8·9	+6·6	+2·4	−7·0
3	−3·8	+5·6	−4·9	−8·7	+5·9	+1·7	−1·6	+4·1	+4·7	−9·8	+4·9	+2·7	−2·3	−5·5
4	−6·9	+2·9	−2·7	−12·4	+7·0	+2·2	−13·4	+1·8	+4·0	−8·4	+6·2	+3·1	+0·2	−4·4
5	−5·9	+0·5	−4·6	−0·7	+6·1	+4·6	−7·9	−2·1	+4·5	−8·1	+9·9	+1·9	+3·1	−6·1
6	−4·1	+4·2	−6·1	+9·4	−1·7	+7·3	+0·1	−4·4	+2·8	−2·6	+6·3	+6·7	−5·0	+4·1
7	−1·9	+4·7	+0·5	+7·9	−2·4	+11·2	−5·9	+4·0	+6·6	−3·3	+12·5	+7·5	−4·8	+4·5
8	−1·4	−3·8	+5·6	+8·3	+0·5	+12·7	−10·0	+11·9	+0·1	−0·9	+15·9	+4·3	−1·5	+3·3
9	+1·8	−5·8	+3·4	+6·7	−2·2	+2·5	−7·3	+10·7	+4·9	−0·8	+12·7	−4·7	−7·6	0·0
10	+3·7	−3·3	−0·1	+3·6	+0·7	−0·8	−5·8	+5·2	+10·2	+0·5	+5·6	−4·9	−3·6	+4·6
11	+8·0	−7·0	+0·1	+2·5	+1·7	+8·8	−1·2	+8·2	+10·1	−0·8	+6·8	−3·6	−0·3	+7·7
12	+7·1	−6·7	+9·5	−1·7	+4·5	+5·4	−0·9	+3·9	+1·3	−3·8	+4·8	+1·6	−4·8	+4·3
13	+8·5	−10·1	+8·4	−1·1	+2·9	+3·9	−2·9	+5·6	−4·9	−1·7	+3·4	0·0	−4·8	+0·2
14	+5·0	−4·5	+4·9	−3·8	+2·5	+7·3	−4·4	+2·6	−8·4	−2·1	+7·8	−3·1	−4·2	−5·9
15	+2·9	−5·3	+12·1	+4·4	+1·7	+10·2	−9·7	−1·1	−6·1	−11·4	+10·9	−4·3	+0·7	−9·0
16	−0·6	−5·5	+8·8	+5·0	+0·6	+3·6	−5·6	−2·6	+0·7	−7·1	+12·8	−6·1	−2·2	−8·4
17	−2·2	−0·3	+9·1	+5·0	+5·5	−2·2	+3·1	−4·8	−3·2	−10·4	+9·1	−9·2	+2·1	+1·0
18	−5·4	0·0	+10·5	+8·9	+9·1	−6·4	+1·6	+5·9	+6·3	−8·3	+2·1	−10·9	−1·0	+2·2
19	+5·3	+1·5	+8·7	+11·2	+10·6	−10·0	−4·1	+3·9	+8·7	−10·5	+2·4	−6·2	−2·8	0·0
20	+1·3	+2·6	+7·2	+3·7	+8·0	−6·7	+7·4	+2·6	+5·5	−6·9	+5·7	−2·0	−3·8	−1·5
21	−4·9	+9·7	−4·0	+0·2	+4·3	−3·1	+2·2	−0·2	−0·8	−3·0	+8·3	−9·5	−6·2	−4·1
22	−7·3	+8·0	−4·2	−7·0	+0·7	+3·5	+7·1	−2·8	+7·9	−2·7	+1·8	−13·3	−8·4	−4·7
23	+0·6	+5·0	−4·2	−7·9	+6·2	+6·4	+5·0	+3·4	+6·0	−3·8	−2·1	−12·7	−8·7	−6·7
24	+3·8	−2·5	−2·0	−6·3	+11·6	+6·0	−2·3	−4·3	+9·5	−2·0	+0·5	−5·9	−5·2	−2·0
25	+2·9	+2·0	−1·9	+2·3	+8·9	+8·1	−2·5	−5·7	+4·0	−7·1	+0·6	−1·6	−5·2	−2·5
26	+1·1	+12·3	−8·3	+10·9	+2·1	+1·4	+7·9	−10·5	−1·2	−8·2	+11·6	−1·1	−8·4	−4·5
27	+6·2	+11·9	−7·6	+11·3	−1·8	+5·0	+3·0	−12·2	−2·9	−5·0	+3·5	−2·7	−11·2	+2·0
28	+7·2	+8·0	−3·4	+7·2	−7·1	+3·4	+8·1	−14·4	−6·8	−4·7	−0·8	−0·7	−0·7	+0·7
29	+4·7	+2·4	−1·6	+2·9	−11·9	−1·8	+11·5	−3·9	−9·2	−10·7	−4·1	+2·4	+2·1	−1·3
30	−1·5	−1·5	−5·5	+1·1	−13·0	+12·1	+1·5	−1·2	−7·1	−11·5	−5·9	+8·1	−0·6	−5·0
Means	+0·6	+0·6	+0·7	+1·8	+2·0	+3·5	−1·1	+0·2	+2·0	−5·6	+5·8	−1·7	−3·1	−1·8

Day of the Month	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years.
1	+3·2	+2·2	−11·5	+4·1	−3·2	−6·2	+4·8	−3·2	−3·1	−8·5	+2·9	+6·7	+5·2	+1·2	46·5
2	+2·8	+9·5	−9·7	+0·4	−6·7	−8·9	+4·0	−1·5	−3·9	−6·4	+7·4	−6·9	+2·1	+5·4	46·3
3	−0·7	+11·1	−5·3	−1·6	−9·4	−10·5	+4·6	+2·6	−2·9	−6·7	+5·7	−4·0	+5·3	+3·6	45·2
4	−3·1	+10·3	+3·3	+3·5	−7·4	−3·5	+3·5	+11·5	−8·4	−6·5	+3·4	+2·5	+4·3	+2·8	44·9
5	−5·5	+9·6	+0·9	+3·4	−3·4	−1·5	+0·8	+4·1	−3·2	−6·9	+9·0	−4·7	−6·9	+1·4	45·6
6	−8·9	+7·8	−2·9	+7·3	−3·7	−0·1	−5·1	−5·3	−4·6	−3·2	+5·7	−9·0	−11·7	−3·0	45·0
7	−1·5	+6·6	−3·1	+6·1	−5·1	−6·7	−5·7	+1·1	−11·2	−4·1	+8·2	−7·5	−10·3	−2·3	44·6
8	−2·9	+6·3	−1·0	−0·8	−5·2	−7·5	−4·2	+3·5	−5·8	+2·0	+9·3	−4·3	−9·9	+3·3	43·6
9	−1·0	+8·6	−4·0	−6·4	−5·2	−4·8	+4·5	−3·1	−4·8	+1·3	−1·5	+0·1	−3·5	+1·5	42·5
10	−4·8	+6·3	−6·7	−9·6	−3·7	+0·7	+0·2	−7·8	−10·9	−3·3	+0·4	+2·2	−2·5	−8·6	42·8
11	−3·9	−0·6	−4·7	−5·6	−7·8	−3·1	−10·3	−7·4	−10·8	−0·8	+6·7	−5·0	−0·7	−8·4	42·8
12	−4·0	−3·5	−7·5	−5·0	−2·3	−4·3	−7·2	−3·7	−4·4	+0·6	+9·3	−1·8	−0·5	−3·5	42·2
13	−2·6	−0·9	−4·5	−11·9	+1·3	−2·2	−11·6	−3·6	+3·7	−1·9	+7·3	−4·1	−1·7	+6·3	42·6
14	−7·9	+3·5	−0·3	−18·0	+4·0	−2·1	−8·5	+4·0	+2·6	+6·8	+0·4	+7·3	−0·5	+11·6	42·1
15	−7·4	+3·1	−2·8	−7·2	+1·0	−8·6	−1·6	+7·4	+0·2	+1·5	+1·3	+9·9	−1·6	+8·3	42·2
16	−8·3	+1·9	−7·5	−3·5	−2·0	−10·3	−0·6	+8·9	−0·1	−0·1	+7·3	+2·4	−2·6	+9·6	42·2
17	−7·3	+0·4	−9·1	−4·0	−2·8	−12·1	−2·2	+9·3	+7·2	+9·0	−5·3	−1·8	−1·1	−4·9	41·3
18	+1·2	+4·1	−9·1	−4·5	−6·1	−17·7	−1·3	+7·2	+5·6	+1·7	+2·0	+0·1	+1·3	−2·6	41·5
19	+3·0	−1·0	−14·4	−4·9	−6·1	−12·6	−2·7	+4·3	+5·1	+7·3	−4·6	−2·3	+0·3	+4·0	41·4
20	+4·1	+2·6	−9·4	−6·9	−4·0	−2·0	−5·0	+1·0	+5·7	+10·0	−9·0	−4·0	−7·0	−5·2	41·7
21	+2·6	+3·0	−15·7	−4·8	−1·3	+6·0	−3·1	+3·9	+2·6	+7·4	−6·5	−5·2	−3·0	−4·4	42·8
22	+5·1	+1·3	−16·7	−4·5	−2·7	−2·4	−7·3	+3·7	+1·4	+7·5	+1·7	−3·2	+2·9	+1·0	42·5
23	+11·1	+6·9	−21·5	+1·0	−4·0	−5·7	−15·1	+6·9	+1·1	+8·5	+2·4	−1·6	+2·0	−1·9	41·8
24	+9·0	−2·6	−13·7	+3·7	−1·7	−11·6	−4·4	+10·1	−1·4	+7·6	+1·6	−3·5	−1·4	−1·0	40·7
25	−5·2	−1·2	+3·2	+0·6	−2·7	+5·3	−5·4	+8·1	−0·9	+9·9	+6·1	−2·3	+2·3	+0·2	40·2
26	−6·0	−0·8	+8·0	+4·5	−4·1	+10·0	−2·8	+8·2	−2·2	+1·6	+1·6	+1·0	+1·6	+3·2	41·1
27	−2·3	+2·4	+6·1	+3·2	+2·3	−4·6	−1·9	+4·1	+1·7	−1·7	+4·1	−7·9	+0·6	+3·7	40·2
28	−8·1	−1·7	+1·1	−2·3	−0·5	−1·0	+3·4	+0·9	+6·6	+4·1	−6·8	−12·8	−2·7	+0·4	41·4
29	−14·4	−0·3	+6·8	−2·4	+1·5	+12·1	−2·4	−4·9	+0·1	+2·4	−1·8	−8·5	−5·1	−3·9	41·2
30	−15·2	−2·3	+1·6	−5·8	+1·2	+7·3	−2·2	−6·7	+1·4	+2·2	−6·9	+0·3	0·0	−8·5	41·5
Means	−2·6	+3·1	−5·0	−2·4	−3·0	−3·6	−2·8	+2·1	−1·1	+1·4	+2·0	−2·3	−1·4	+0·3	

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TABLE XXVII. *Excess or Defect of Temperature on every day in the month of December, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years 1826–1869; above or below the Mean of that day for all the years.*

DECEMBER.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836
1	− 0·2	+ 6·7	− 3·2	− 1·1	− 0·5	+ 3·7	+ 9·4	+ 9·6	+ 7·2	+ 8·1	0·0
2	+ 1·4	+ 5·6	− 4·1	+ 1·0	− 2·6	+ 4·0	+ 7·9	+ 4·4	+ 2·8	+ 2·5	+ 6·8
3	− 1·5	+ 4·8	+ 5·2	+ 0·6	− 4·6	+ 2·9	+ 2·3	+ 8·1	+ 5·0	+ 6·3	+10·4
4	− 6·1	+ 7·7	+ 8·3	+ 2·2	− 3·9	+ 7·2	− 0·3	+10·3	− 0·2	− 1·3	+11·7
5	− 5·7	+ 7·8	+ 4·2	+ 3·0	− 4·7	+ 2·8	− 2·9	+ 1·5	− 4·4	− 1·4	+ 8·9
6	− 2·6	− 0·7	+ 4·8	− 6·3	+ 5·1	+ 6·3	− 1·2	− 0·6	+ 3·2	− 3·6	+ 9·4
7	+ 6·2	− 1·1	+ 5·9	−13·9	+ 3·2	+ 7·5	− 3·1	+ 3·1	+ 6·7	− 4·5	+ 4·5
8	+ 7·8	+ 1·4	+ 0·5	− 7·5	+ 2·5	+11·5	+ 2·8	+ 4·5	− 0·4	− 2·1	+ 0·4
9	+ 4·4	− 2·6	− 0·4	−10·1	+ 4·1	+ 9·1	+ 6·9	+11·3	− 2·2	− 4·2	− 2·1
10	+10·9	+ 9·8	+ 6·1	− 8·8	− 2·8	+ 9·6	+ 5·1	+ 1·6	− 2·2	−13·5	− 5·1
11	+10·1	+ 5·4	+ 7·5	− 2·0	− 3·2	+12·0	+ 0·8	− 1·5	− 5·5	−14·5	− 6·2
12	+ 9·5	+ 5·4	+ 6·2	+ 0·3	− 6·2	+10·4	+ 0·2	− 4·1	− 2·4	− 9·0	+ 3·6
13	+ 7·9	− 0·9	+ 8·0	− 1·0	−10·7	+ 7·8	+ 0·9	− 1·6	− 1·9	− 7·6	+ 3·5
14	+ 5·1	+ 1·7	+ 3·9	− 9·7	− 6·3	+ 3·2	+ 2·4	+ 6·0	− 3·4	− 3·9	+ 0·9
15	+ 4·2	+ 8·6	+ 5·6	− 5·2	− 4·6	+ 0·8	− 0·4	+ 9·7	0·0	− 3·7	− 4·1
16	+ 6·0	+ 5·3	+ 8·9	− 3·8	−10·0	+ 3·4	− 4·6	+ 7·9	+ 2·3	− 2·8	− 2·6
17	+ 4·1	+ 3·6	+11·2	− 7·8	− 5·8	+ 4·3	+ 7·5	+ 6·7	+ 2·5	− 2·0	+ 0·7
18	+ 1·7	+13·7	+10·6	− 4·7	− 5·6	+ 3·1	− 1·0	+ 9·5	− 1·5	+ 0·2	+ 8·8
19	+ 1·1	+11·7	+ 8·7	− 6·5	− 2·9	+ 0·2	− 4·3	+11·3	+ 2·5	− 5·9	+ 7·6
20	+ 1·8	+ 5·0	+13·3	− 7·0	− 1·0	+ 2·8	− 5·5	+ 4·6	+ 2·6	− 7·2	+ 3·1
21	+ 0·2	+ 3·4	+13·3	−11·3	+ 0·6	− 0·8	+ 3·4	+ 2·9	+ 2·6	−10·2	+ 3·0
22	− 4·2	+ 7·6	+13·1	− 7·5	+ 2·6	+ 0·6	+ 9·6	+ 8·4	− 3·9	−12·4	+ 3·6
23	+ 9·3	+ 5·2	+ 9·8	−10·9	− 7·0	− 2·7	+ 9·9	+ 8·1	− 6·1	−12·3	+ 0·3
24	+ 7·5	+10·5	+ 8·7	− 9·9	−19·6	− 7·4	+ 8·4	+ 8·7	− 5·0	−11·9	− 7·2
25	+ 9·9	+12·2	+ 2·7	− 7·7	−17·7	− 7·1	+ 9·6	+ 1·1	+ 3·8	−14·3	− 6·4
26	+ 4·5	+10·7	− 2·2	−11·0	−10·0	− 4·8	+ 0·8	+ 2·6	+ 0·9	−15·0	− 6·4
27	+ 6·3	+ 5·6	+ 1·0	−11·6	− 6·1	− 1·5	− 1·4	+ 4·9	− 0·7	− 3·0	− 6·8
28	− 1·8	− 2·0	+ 3·3	−10·6	− 3·6	+ 2·8	− 1·2	+ 7·3	− 1·4	+ 5·2	− 5·6
29	+ 5·0	− 5·9	− 0·7	−11·8	−10·5	+ 0·8	− 0·2	+12·6	+ 1·4	+ 0·5	− 6·7
30	+ 8·3	− 1·6	+ 0·8	− 9·3	+ 0·5	− 4·6	− 3·4	+10·6	+12·5	− 0·6	− 9·6
31	+ 8·1	+ 2·0	+ 3·7	− 8·6	+ 2·8	− 6·6	− 2·9	+ 7·8	+12·3	− 9·7	− 8·9
Means	+ 3·8	+ 4·7	+ 5·3	− 6·4	− 4·1	+ 2·6	+ 1·8	+ 5·7	+ 0·9	− 5·0	+ 0·3

Day of the Month	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	− 2·7	+ 7·9	− 6·9	+ 7·2	+ 6·5	+ 8·6	+ 1·7	− 4·5	+ 3·7	−12·8	+ 1·6
2	− 7·4	+ 9·1	− 3·2	+ 0·1	+ 8·1	+ 9·7	− 2·9	− 4·4	+ 3·9	− 7·9	+ 4·0
3	− 6·3	+ 4·8	− 8·0	− 8·5	+ 6·8	+ 5·2	+ 6·1	− 5·2	− 6·0	−11·9	+10·2
4	−12·1	0·0	− 8·6	−10·6	+ 2·8	+ 4·0	+ 4·6	− 7·1	− 2·1	−10·8	+ 3·9
5	− 5·9	− 0·8	− 5·0	− 4·8	+ 3·4	+ 2·4	+ 6·6	−17·4	+ 2·1	− 8·4	− 1·3
6	− 8·4	− 3·7	− 7·2	− 7·8	+ 4·4	− 4·0	+ 0·7	−20·5	− 4·7	− 7·2	+ 4·8
7	− 9·2	− 1·7	− 7·6	− 5·8	+ 2·0	− 5·8	+ 5·6	−14·9	− 8·3	− 5·2	− 1·5
8	− 6·6	− 6·3	− 8·1	− 1·8	+ 7·9	− 7·5	+ 3·6	−12·0	− 3·8	− 2·6	− 5·4
9	− 4·9	−10·2	− 6·7	− 7·3	− 0·1	− 0·6	− 2·0	−11·5	− 0·2	− 1·2	+12·9
10	− 3·8	− 6·4	− 4·2	− 3·0	+ 6·2	− 3·1	+ 2·4	−11·0	− 1·8	− 4·7	+11·2
11	− 5·1	− 0·3	+ 2·5	− 4·9	+ 1·5	+ 0·6	− 0·4	−13·5	+ 3·7	−10·8	+ 6·8
12	− 6·6	+ 0·8	+ 3·6	− 5·0	+ 9·1	+12·9	− 6·7	−13·0	− 6·4	−10·9	+ 5·4
13	− 4·6	+ 0·8	+ 1·1	− 9·2	+ 6·3	+11·8	− 2·4	−13·8	− 9·9	−17·2	+ 3·8
14	− 4·7	− 0·9	+ 3·2	−13·6	− 3·2	+ 7·8	+ 0·7	−11·4	− 0·8	−17·8	+ 4·8
15	− 4·6	− 5·4	− 3·3	−18·1	+ 3·5	+ 6·8	+ 5·9	− 4·3	+ 4·8	−18·0	+ 6·6
16	− 0·1	− 5·6	− 2·8	−11·5	− 0·7	+11·0	+ 5·7	− 2·3	+ 6·3	−12·2	+ 8·9
17	+ 7·2	− 5·7	− 3·0	−15·5	− 7·9	+ 4·0	+ 1·7	− 0·5	+ 4·3	− 6·5	+10·3
18	+ 9·6	− 5·6	− 1·4	− 9·7	−13·8	+ 0·5	+ 2·2	+ 1·7	+ 3·5	−12·5	+ 5·8
19	+ 8·9	− 5·1	+11·2	− 6·4	−11·7	+ 0·3	+ 4·5	− 0·3	+ 1·8	+ 2·7	+ 5·1
20	+ 9·7	− 4·2	+12·0	− 3·7	− 9·4	+ 9·6	+ 4·9	− 6·0	+ 0·5	+ 6·3	− 1·6
21	+ 2·8	− 4·4	+10·0	− 5·2	− 8·5	+11·9	+ 6·6	− 5·8	− 4·8	+ 4·4	− 5·9
22	+ 7·5	− 0·8	+11·7	− 9·9	− 5·3	+10·6	+ 6·7	− 7·6	− 2·5	− 3·3	− 4·6
23	+ 8·1	+ 5·5	+13·3	−13·7	− 0·2	+ 3·4	+13·5	− 7·4	+ 1·2	− 2·1	− 3·0
24	+ 9·9	+ 3·3	+12·5	− 7·2	+ 7·7	− 1·0	+12·0	− 5·8	− 4·2	− 6·5	− 0·7
25	+10·9	− 2·9	+ 4·4	−15·6	+ 1·9	+ 3·5	+ 9·2	− 3·8	+ 2·7	− 9·2	+ 1·7
26	+ 9·4	− 2·9	+ 1·4	− 9·7	− 6·4	+11·5	+ 6·5	− 2·5	+ 5·5	− 8·6	− 2·6
27	+ 9·4	− 1·5	+ 5·4	− 6·3	− 5·5	+ 2·0	+ 6·0	− 3·7	+ 7·2	− 5·9	− 2·8
28	+11·0	− 4·2	− 1·3	− 8·5	+ 4·0	− 2·0	+ 8·6	+ 6·9	+ 4·6	− 7·5	− 2·9
29	+ 8·7	+ 4·4	− 7·3	− 9·9	+ 3·8	+10·8	+ 3·7	+ 5·1	+ 1·5	− 4·2	− 3·9
30	+ 8·2	+ 7·7	− 6·5	− 7·6	− 1·8	+12·5	+ 1·2	− 1·6	+ 9·4	− 7·3	− 2·4
31	+ 6·0	− 2·8	+ 5·6	+ 1·7	− 1·8	+ 4·7	+ 6·1	− 0·1	+ 4·2	−14·4	− 4·2
Means	+ 1·1	− 1·2	+ 0·2	− 7·5	+ 0·3	+ 4·6	+ 3·9	− 6·4	+ 0·5	− 7·6	+ 2·1

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858
1	− 0·7	− 3·7	− 3·9	− 7·8	− 4·1	0·0	− 1·6	− 2·0	−15·5	+ 6·9	+ 3·1
2	− 2·8	+ 5·5	+ 1·7	− 5·3	+ 1·9	− 8·9	0·0	− 2·2	−13·6	+ 9·8	+ 3·3
3	+ 1·1	− 3·8	− 1·6	− 3·6	+ 2·1	− 3·9	+ 4·7	− 8·9	−10·2	+10·0	+ 0·4
4	+ 4·0	− 8·6	0·0	− 4·6	+11·3	− 3·1	+ 1·7	− 0·3	−10·7	+ 0·7	+ 5·6
5	+ 2·3	− 5·6	+ 2·0	+ 1·3	+10·5	− 2·2	− 0·8	− 5·2	+ 4·6	− 3·5	− 5·1
6	+ 4·5	+ 0·3	− 3·4	+ 4·8	+ 5·2	− 0·9	− 4·0	− 7·1	+ 9·7	+ 6·6	− 9·7
7	+ 8·8	+ 1·7	− 4·8	+ 3·2	+ 3·9	− 1·4	− 8·9	− 9·2	+13·9	+ 5·7	− 8·8
8	+12·1	+ 0·5	− 5·2	+ 3·9	+ 4·3	− 5·3	+ 3·0	−12·3	+13·8	− 0·6	− 4·5
9	+ 7·0	− 5·2	− 7·3	+ 5·1	+ 4·6	+ 2·8	− 2·4	−12·2	+13·3	+ 4·0	− 3·0
10	+ 4·4	− 3·5	− 6·7	+10·0	+10·6	− 4·4	− 9·2	− 6·4	+10·4	+ 2·4	− 5·8
11	+ 9·8	− 2·9	+ 0·5	− 0·3	+12·5	− 8·9	− 6·0	−11·2	+ 6·8	+ 0·6	− 4·7
12	+10·7	− 6·5	+ 1·9	− 6·5	+ 8·4	− 8·1	− 3·3	−13·8	+ 6·2	+ 3·7	− 5·1
13	+ 7·4	− 6·9	+ 3·6	+ 0·3	+ 9·3	+ 0·6	+ 3·8	−14·9	+ 3·5	+ 0·1	− 0·4
14	+ 5·6	+ 8·0	+ 4·0	− 1·4	+ 9·0	− 3·1	+ 9·9	− 2·8	+ 1·7	+ 2·0	− 3·3
15	+ 8·6	+ 9·4	+ 5·7	− 3·5	+ 7·0	− 9·1	+ 8·3	+ 1·4	− 6·7	+ 6·3	− 3·8
16	+ 0·3	+11·2	+ 1·1	+ 0·6	+ 2·5	−14·6	− 0·3	− 3·6	−11·5	+ 8·5	− 3·4
17	− 0·3	+ 6·7	− 3·3	− 0·2	+ 8·8	−11·4	− 1·9	− 2·6	− 7·4	+11·5	− 1·3
18	+ 4·9	+ 8·7	− 4·3	− 1·6	+ 1·0	− 9·8	− 3·3	− 7·8	+ 2·3	+ 7·9	+ 3·4
19	+ 5·1	+ 0·8	− 4·2	+ 8·0	+ 8·3	− 7·7	− 3·3	−14·1	− 2·0	− 5·1	+ 3·4
20	− 3·4	− 2·7	− 8·2	+10·8	+11·1	− 4·0	− 1·1	−14·5	+ 5·4	0·0	− 1·0
21	−11·2	− 7·2	− 7·7	+ 5·9	+ 4·0	− 4·7	+ 0·2	−19·5	+ 5·4	+11·0	+ 9·3
22	− 8·4	− 5·9	− 7·4	+ 3·3	+ 4·8	− 5·3	+11·6	−18·7	+ 4·3	+13·1	+ 6·0
23	−11·1	− 9·4	− 7·2	− 0·6	+ 4·5	− 2·6	− 0·7	+ 4·8	− 2·7	+12·6	+ 7·4
24	− 6·1	− 6·9	− 6·2	0·0	+13·4	− 5·7	+ 2·8	+ 3·5	− 2·9	+ 9·8	+ 2·4
25	+ 5·9	− 3·6	+ 0·7	− 2·1	+11·5	− 8·7	+ 8·1	+ 6·0	−10·3	+ 6·4	+ 3·9
26	+ 9·1	+ 1·2	+ 3·5	− 6·4	+13·2	−10·0	+ 1·7	+10·5	− 7·1	+ 3·9	+ 6·7
27	+ 7·2	− 0·9	+ 3·8	− 3·4	+12·0	− 8·5	− 2·6	+ 9·4	−11·1	+ 1·4	+ 3·6
28	+ 5·0	−12·8	+ 2·2	+ 1·5	+ 3·6	− 9·3	− 5·8	+11·4	−13·0	− 1·3	+ 4·0
29	+ 0·6	− 9·0	+ 5·7	− 0·3	+11·9	−15·7	− 3·0	+ 8·4	− 4·8	+ 1·5	− 2·8
30	− 3·0	− 5·1	+ 7·3	− 6·2	+ 9·4	− 8·0	− 3·3	− 0·4	+ 2·4	− 2·4	− 1·4
31	− 2·2	− 5·8	+11·9	− 5·9	+ 7·6	−11·1	+ 2·4	− 0·6	+ 8·7	− 3·0	+ 2·8
Means	+ 2·4	− 2·0	− 0·8	+ 0·1	+ 7·2	− 6·2	− 0·1	− 4·4	− 0·5	+ 4·2	0·0

Day of the Month	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years
1	− 5·8	+ 5·7	− 2·5	− 1·7	− 0·7	− 5·1	+ 1·7	− 7·4	+ 6·6	+ 1·5	−11·5	41[illegible]
2	− 8·4	+ 4·2	− 7·0	+ 4·1	+ 2·6	− 4·9	+ 0·9	− 2·8	−12·4	+ 4·2	− 9·7	40[illegible]
3	−11·2	+ 2·9	−11·8	+ 2·5	+ 3·0	+ 5·7	+ 1·3	+ 6·0	− 8·0	+ 5·5	−10·7	41[illegible]
4	− 1·6	+ 2·7	− 8·0	+ 2·1	+ 0·6	+ 6·0	+ 1·1	+10·6	−11·1	+11·3	−10·2	42[illegible]
5	+ 2·0	+ 1·3	− 9·2	+ 8·0	+ 4·0	+ 5·6	+ 2·8	+ 9·6	− 5·9	+10·1	− 8·2	42[illegible]
6	− 1·2	+ 7·3	− 1·7	+10·5	+ 1·5	+ 4·1	+ 7·0	+ 9·6	− 8·3	+ 9·5	− 5·2	42[illegible]
7	− 2·4	+ 5·8	+ 5·4	+11·1	+ 4·6	+ 4·7	+ 6·2	+ 6·9	−10·1	+ 6·8	− 5·4	42[illegible]
8	− 1·1	+ 2·5	+ 4·5	+ 0·9	+ 4·4	+ 0·6	+ 5·5	− 1·4	−10·2	+ 7·8	− 1·4	41[illegible]
9	+ 1·1	+ 0·5	+ 6·7	+ 3·5	+ 6·0	+ 0·8	+ 4·0	+ 2·5	−17·8	+ 3·3	− 0·6	40[illegible]
10	− 3·0	− 2·3	+ 5·4	+ 5·2	+ 2·2	− 3·5	+ 0·8	+ 2·4	− 8·9	+ 7·8	+ 0·3	41[illegible]
11	−10·0	− 0·6	+ 4·5	+ 2·2	+ 9·2	+ 7·1	− 1·1	− 4·5	+ 3·0	+ 8·7	+ 3·9	40[illegible]
12	− 5·9	− 0·5	+ 8·6	− 3·6	+ 5·4	+ 2·4	− 0·6	+ 9·5	+ 5·4	− 3·2	− 0·5	40[illegible]
13	− 8·7	− 1·8	+ 6·8	+ 0·3	+ 4·3	+ 0·8	− 2·9	+ 8·7	+ 1·3	+ 5·9	+ 6·5	40[illegible]
14	−13·5	− 3·2	+ 5·2	− 0·8	+ 1·7	− 2·7	− 1·4	+ 3·5	+ 6·9	+10·1	+ 1·8	40[illegible]
15	−16·8	− 5·3	+ 5·7	− 4·1	+ 1·4	− 6·8	− 3·5	+ 2·1	+10·0	+ 9·9	+ 0·4	41[illegible]
16	−17·3	− 2·7	+ 6·1	− 2·7	+ 0·3	− 7·5	− 1·4	+ 4·7	+10·1	+ 7·0	+ 4·2	40[illegible]
17	−19·0	− 7·3	+ 2·5	+ 4·7	+ 3·7	−16·8	+ 1·2	+ 2·6	+ 8·4	+ 6·6	+ 2·2	40[illegible]
18	−19·7	−12·5	+ 2·9	+ 1·6	− 2·4	−12·4	0·0	+ 8·4	− 4·0	+10·1	+11·0	39[illegible]
19	−19·2	−10·5	− 1·0	+ 5·0	+ 3·5	− 5·7	+ 3·0	+ 2·1	− 5·6	+ 0·4	+ 6·0	39[illegible]
20	−13·6	−10·1	+ 0·1	− 0·5	+ 0·5	+ 2·7	+ 7·5	− 6·8	− 9·6	+ 3·2	+ 2·0	39[illegible]
21	− 0·5	− 8·2	− 0·4	− 1·8	+ 2·2	+ 1·0	+ 8·4	− 4·1	+ 1·4	+10·1	− 2·2	39[illegible]
22	− 4·5	−10·3	+ 0·6	− 1·9	− 4·4	− 6·0	+ 1·5	− 1·1	+ 1·4	+ 8·1	− 1·6	39[illegible]
23	− 3·0	−15·6	+ 2·0	+ 2·0	− 1·5	− 8·1	+ 2·1	+ 3·3	− 5·0	+ 2·8	+ 2·1	38[illegible]
24	+ 1·6	−15·6	− 0·5	+ 6·5	+ 5·5	− 6·3	− 5·0	+ 2·7	+ 0·5	+ 6·0	− 3·1	38[illegible]
25	+ 2·8	−18·1	− 4·3	+ 9·1	+ 4·1	− 4·4	+ 3·1	+ 1·6	− 1·4	+ 3·8	− 4·9	36[illegible]
26	+ 2·7	−12·5	− 8·9	+ 9·9	+ 7·9	− 3·6	+ 7·7	+ 7·4	− 6·7	+ 7·7	−11·4	37[illegible]
27	+ 1·8	− 7·0	− 4·6	+ 6·4	+ 1·4	− 4·8	+ 0·7	+ 7·4	− 4·1	+11·5	−10·0	37[illegible]
28	+ 7·2	−15·1	− 0·4	+13·4	− 1·1	+ 2·5	+ 7·8	+11·2	− 5·0	+ 6·1	−13·0	36[illegible]
29	+10·0	−13·9	−10·2	+ 7·7	+ 6·7	+ 1·7	+ 9·0	+10·2	− 3·1	− 1·3	− 5·4	38[illegible]
30	+10·2	− 1·4	− 8·9	+ 5·8	− 1·2	− 2·3	+ 3·5	− 1·2	− 6·4	− 2·1	− 0·6	39[illegible]
31	+13·4	− 1·1	− 3·3	+ 3·3	− 3·7	− 4·8	+ 7·8	−10·1	−11·4	− 1·4	+ 3·0	38[illegible]
Means	− 4·3	− 4·6	− 0·5	+ 3·5	+ 2·3	− 2·0	+ 2·5	+ 3·0	− 3·2	+ 5·7	− 2·4	

T

icultural Society at Chiswick in the years 1826–1869;

Day th Mon	59	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Means of 44 Years
	° 5·8	+ ° 5·7	− ° 2·5	− ° 1·7	− ° 0·7	− ° 5·1	+ ° 1·7	− ° 7·4	+ ° 6·6	+ ° 1·5	− ° 11·5	° 41·5
	8·4	+ 4·2	− 7·0	+ 4·1	+ 2·6	− 4·9	+ 0·9	− 2·8	− 12·4	+ 4·2	− 9·7	40·8
	11·2	+ 2·9	− 11·8	+ 2·5	+ 3·0	+ 5·7	+ 1·3	+ 6·0	− 8·0	+ 5·5	− 10·7	41·4
	1·6	+ 2·7	− 8·0	+ 2·1	+ 0·6	+ 6·0	+ 1·1	+ 10·6	− 11·1	+ 11·3	− 10·2	42·3
	2·0	+ 1·3	− 9·2	+ 8·0	+ 4·0	+ 5·6	+ 2·8	+ 9·6	− 5·9	+ 10·1	− 8·2	42·9
	1·2	+ 7·3	− 1·7	+ 10·5	+ 1·5	+ 4·1	+ 7·0	+ 9·6	− 8·3	+ 9·5	− 5·2	42·4
	2·4	+ 5·8	+ 5·4	+ 11·1	+ 4·6	+ 4·7	+ 6·2	+ 6·9	− 10·1	+ 6·8	− 5·4	42·8
	1·1	+ 2·5	+ 4·5	+ 0·9	+ 4·4	+ 0·6	+ 5·5	− 1·4	− 10·2	+ 7·8	− 1·4	41·5
	1·1	+ 0·5	+ 6·7	+ 3·5	+ 6·0	+ 0·8	+ 4·0	+ 2·5	− 17·8	+ 3·3	− 0·6	40·9
1	3·0	− 2·3	+ 5·4	+ 5·2	+ 2·2	− 3·5	+ 0·8	+ 2·4	− 8·9	+ 7·8	+ 0·3	41·2
1	10·0	− 0·6	+ 4·5	+ 2·2	+ 9·2	+ 7·1	− 1·1	− 4·5	+ 3·0	+ 8·7	+ 3·9	40·2
1	5·9	− 0·5	+ 8·6	− 3·6	+ 5·4	+ 2·4	− 0·6	+ 9·5	+ 5·4	− 3·2	− 0·5	40·6
1	8·7	− 1·8	+ 6·8	+ 0·3	+ 4·3	+ 0·8	− 2·9	+ 8·7	+ 1·3	+ 5·9	+ 6·5	40·7
1	13·5	− 3·2	+ 5·2	− 0·8	+ 1·7	− 2·7	− 1·4	+ 3·5	+ 6·9	+ 10·1	+ 1·8	40·8
1	16·8	− 5·3	+ 5·7	− 4·1	+ 1·4	− 6·8	− 3·5	+ 2·1	+ 10·0	+ 9·9	+ 0·4	41·1
1	17·3	− 2·7	+ 6·1	− 2·7	+ 0·3	− 7·5	− 1·4	+ 4·7	+ 10·1	+ 7·0	+ 4·2	40·7
1	19·0	− 7·3	+ 2·5	+ 4·7	+ 3·7	− 16·8	+ 1·2	+ 2·6	+ 8·4	+ 6·6	+ 2·2	40·3
1	19·7	− 12·5	+ 2·9	+ 1·6	− 2·4	− 12·4	0·0	+ 8·4	− 4·0	+ 10·1	+ 11·0	39·9
1	19·2	− 10·5	− 1·0	+ 5·0	+ 3·5	− 5·7	+ 3·0	+ 2·1	− 5·6	+ 0·4	+ 6·0	39·5
2	13·6	− 10·1	+ 0·1	− 0·5	+ 0·5	+ 2·7	+ 7·5	− 6·8	− 9·6	+ 3·2	+ 2·0	39·0
2	0·5	− 8·2	− 0·4	− 1·8	+ 2·2	+ 1·0	+ 8·4	− 4·1	+ 1·4	+ 10·1	− 2·2	39·3
2	4·5	− 10·3	+ 0·6	− 1·9	− 4·4	− 6·0	+ 1·5	− 1·1	+ 1·4	+ 8·1	− 1·6	39·4
2	3·0	− 15·6	+ 2·0	+ 2·0	− 1·5	− 8·1	+ 2·1	+ 3·3	− 5·0	+ 2·8	+ 2·1	38·5
2	1·6	− 15·6	− 0·5	+ 6·5	+ 5·5	− 6·3	− 5·0	+ 2·7	+ 0·5	+ 6·0	− 3·1	38·5
2	2·8	− 18·1	− 4·3	+ 9·1	+ 4·1	− 4·4	+ 3·1	+ 1·6	− 1·4	+ 3·8	− 4·9	36·8
2	2·7	− 12·5	− 8·9	+ 9·9	+ 7·9	− 3·6	+ 7·7	+ 7·4	− 6·7	+ 7·7	− 11·4	37·5
2	1·8	− 7·0	− 4·6	+ 6·4	+ 1·4	− 4·8	+ 0·7	+ 7·4	− 4·1	+ 11·5	− 10·0	37·0
2	7·2	− 15·1	− 0·4	+ 13·4	− 1·1	+ 2·5	+ 7·8	+ 11·2	− 5·0	+ 6·1	− 13·0	36·5
2	0·0	− 13·9	− 10·2	+ 7·7	+ 6·7	+ 1·7	+ 9·0	+ 10·2	− 3·1	− 1·3	− 5·4	38·2
3	0·2	− 1·4	− 8·9	+ 5·8	− 1·2	− 2·3	+ 3·5	− 1·2	− 6·4	− 2·1	− 0·6	39·1
3	3·4	− 1·1	− 3·3	+ 3·3	− 3·7	− 4·8	+ 7·8	− 10·1	− 11·4	− 1·4	+ 3·0	38·6
Me	4·3	− 4·6	− 0·5	+ 3·5	+ 2·3	− 2·0	+ 2·5	+ 3·0	− 3·2	+ 5·7	− 2·4	

In the preceding Tables I. to XII., the mean temperature of the air is shown for every day in 44 years, and in the forty-sixth column of these Tables the mean temperature of every day is determined. By taking the differences between the mean temperature of every day, from the average of the same day as found from all the years, the excess or deficiency of every day is shown; and in this way Tables XVI. to XXVII. were formed, those days of excess of temperature being distinguished by the sign *plus* (+), and those of defect of temperature being denoted by the sign *minus* (−).

A glance at these Tables shows that the differences from day to day are very great, and that the temperature of the same day is very different in different years. At times it will be seen there have been long periods together with one or other sign prevailing, but that there have been but few months in which on every day of the month it has been either always above or below the average; the only instances are February 1853, July 1857, and August 1860, during which months every day was cold and of lower temperature than the average; and October 1831, in which every day was warm and of higher temperature than the average. There are, however, a few having but one with either a + or − sign and all the remainder affected with the opposite sign; they are:—

January,	1830 and 1834
February,	1855
April,	1844
June,	1860
November,	1851
December,	1852

In every other month there have been two or more days with different signs. It will thus be seen how very rarely every day of a month has been wholly of high or wholly of low temperature. This will be more clearly shown by the following Table:—

TABLE XXVIII.

Showing the Greatest Daily Excess and Deficiency in each Month of the Years 1826–69.

Year	January +	January −	February +	February −	March +	March −	April +	April −	May +	May −	June +	June −	July +	July −	August +	August −	September +	September −	October +	October −	November +	November −	December +	December −
1826	5·4°	18·2°	10·8°	3·4°	14·7°	7·0°	10·4°	11·1°	7·6°	10·1°	13·1°	6·5°	11·3°	7·1°	9·6°	3·8°	9·1°	6·6°	11·7°	11·3°	5·0°	9·9°	10·9°	6·1°
1827	13·9	13·8	8·2	14·4	10·4	6·5	15·0	10·5	12·4	8·8	5·8	7·4	12·1	1·1	8·1	4·9	7·2	4·7	9·1	8·1	10·9	14·6	13·7	5·9
1828	16·0	6·4	13·4	7·8	12·6	7·2	16·1	7·6	7·0	2·8	8·8	5·6	10·9	7·6	6·0	8·8	11·1	7·0	6·0	7·2	13·3	13·2	13·3	4·1
1829	5·6	15·9	7·2	12·7	8·6	9·0	5·3	11·3	6·5	6·3	9·7	10·3	4·6	8·2	5·2	10·8	3·3	9·8	8·2	14·5	12·8	12·6	3·0	13·9
1830	2·4	15·8	11·9	20·6	12·0	2·5	12·1	12·1	13·5	5·2	6·5	9·4	15·0	7·1	5·5	9·0	3·4	8·1	10·6	7·7	9·9	8·9	5·1	19·6
1831	9·5	12·5	16·9	6·6	1·9	4·9	11·6	3·3	7·3	12·8	4·8	6·3	9·6	4·1	8·2	1·6	9·7	8·0	11·9	...	11·9	10·1	12·0	7·4
1832	10·4	10·6	10·2	9·5	7·8	7·6	10·0	6·3	9·7	9·6	5·6	6·2	5·2	7·5	8·8	6·1	8·8	8·8	10·3	7·2	10·1	6·4	9·9	5·5
1833	7·8	11·5	13·2	4·0	7·0	10·8	5·8	7·6	16·9	3·4	9·3	8·0	7·4	8·9	5·5	10·8	3·3	8·5	11·0	6·5	9·2	8·5	12·6	4·1
1834	15·8	6·3	9·6	9·1	12·1	6·2	8·7	7·2	16·2	5·3	13·1	6·9	12·6	4·1	7·8	6·4	9·9	3·8	8·2	8·3	12·9	7·4	12·5	6·1
1835	12·7	13·3	9·8	5·7	7·0	6·1	13·7	10·8	7·1	7·1	10·9	13·5	8·6	5·1	10·5	4·0	8·1	5·0	7·2	10·1	12·9	8·1	8·1	15·0
1836	11·3	12·8	9·5	8·9	11·9	5·0	3·5	10·7	4·7	6·3	11·5	3·0	14·3	12·1	4·7	6·4	9·7	11·1	9·0	14·2	12·4	10·4	11·7	9·6
1837	10·7	11·3	10·3	6·9	2·4	11·4	2·3	13·0	3·6	13·7	5·9	9·2	9·7	7·3	10·1	8·3	10·2	8·1	9·1	7·2	10·6	15·0	11·0	12·1
1838	8·4	29·6	4·8	13·1	9·5	9·8	10·3	11·9	8·4	11·6	5·8	8·7	7·9	9·4	7·8	6·3	5·2	8·7	9·5	15·7	9·5	9·3	9·1	10·2
1839	10·4	12·8	11·8	9·7	8·0	11·5	6·2	13·6	9·1	12·9	8·6	11·1	4·8	6·0	7·2	9·4	8·4	4·4	9·6	7·4	11·6	10·7	13·3	8·6
1840	12·8	12·7	7·8	10·5	5·0	8·1	12·0	6·0	8·4	9·2	8·9	7·8	1·6	11·1	8·9	6·6	9·1	9·5	1·9	12·0	15·2	14·0	7·2	18·1
1841	10·9	22·1	8·7	16·9	11·0	4·7	14·6	9·5	13·8	5·9	6·2	11·8	3·5	9·2	8·9	9·8	11·8	12·0	7·2	10·3	12·4	12·8	9·1	13·8
1842	2·3	8·3	11·5	7·5	10·3	5·4	12·0	6·4	7·2	6·3	10·9	3·5	4·7	8·5	14·5	3·6	10·2	4·6	2·2	15·3	8·5	7·3	12·9	7·5
1843	13·0	5·5	9·4	13·8	11·5	8·2	9·3	10·0	6·7	10·7	2·9	10·0	9·6	11·2	10·9	7·1	11·1	9·3	9·0	13·8	12·3	10·1	13·5	6·7
1844	13·5	7·5	4·8	10·9	8·7	8·1	9·2	0·2	10·0	11·3	14·2	7·3	12·1	6·0	2·6	7·8	7·8	6·6	5·7	9·3	12·1	8·3	6·9	20·5
1845	11·5	8·5	3·3	22·3	8·9	22·3	8·7	7·1	5·1	10·7	9·2	8·1	7·7	8·6	2·9	9·5	2·3	11·6	6·3	8·2	11·3	12·4	9·4	10·1
1846	14·5	6·8	13·5	7·1	11·0	9·1	8·6	8·4	8·3	5·3	14·9	3·2	13·5	2·9	11·0	4·9	8·7	4·8	6·6	8·1	11·6	13·0	6·3	18·0
1847	6·2	9·7	11·8	18·1	7·1	14·7	7·0	10·8	17·6	6·7	5·3	8·7	11·8	5·1	8·0	7·8	6·4	10·5	9·5	7·2	12·7	10·0	12·9	5·9
1848	11·5	15·7	12·1	5·8	10·8	3·9	12·3	7·9	12·3	3·4	6·6	7·2	8·8	8·0	3·5	8·0	9·1	10·3	9·7	11·6	11·5	13·4	12·1	11·2
1849	13·5	11·7	8·4	5·4	7·6	6·7	4·7	13·3	11·1	8·6	11·7	10·2	6·5	5·5	8·1	7·3	7·4	7·4	10·3	11·6	11·9	14·4	11·2	12·8
1850	4·5	9·7	13·0	4·7	6·7	12·2	7·7	5·1	3·2	12·3	8·3	15·2	9·2	8·0	3·7	10·9	4·7	9·7	3·2	10·6	10·2	9·2	11·9	8·2
1851	14·9	7·6	6·5	11·8	6·7	5·6	6·2	9·4	5·3	10·8	10·6	9·2	7·0	6·6	8·2	7·5	6·8	6·6	10·6	7·0	0·5	11·5	10·8	7·8
1852	14·8	7·3	12·6	8·7	9·6	9·3	6·5	9·0	7·0	9·8	3·4	9·7	15·2	1·2	6·2	6·8	5·4	9·4	7·0	13·5	15·9	5·9	13·4	4·1
1853	12·5	4·0	...	13·1	8·1	14·0	7·8	12·1	6·2	14·5	7·0	9·3	8·6	9·1	5·6	5·7	5·3	7·5	11·6	13·1	8·1	13·3	2·8	15·7
1854	11·7	13·3	12·3	10·5	13·9	7·2	14·1	8·5	4·2	7·9	10·1	8·0	11·9	10·7	8·1	10·8	7·6	5·2	8·0	7·6	3·1	11·2	11·6	9·2
1855	11·8	15·2	2·4	22·4	4·8	10·8	8·9	10·4	14·3	13·9	11·4	14·5	6·7	7·1	7·0	4·3	8·3	9·1	5·5	6·0	7·7	10·7	11·4	19·5
1856	10·4	10·3	12·9	6·0	3·6	8·7	7·7	8·8	4·9	11·9	10·2	9·2	9·2	16·2	10·2	5·5	3·5	7·6	6·8	8·2	11·1	15·2	13·9	15·5
1857	9·6	15·4	6·6	13·0	9·8	8·3	9·5	10·1	9·3	8·1	12·5	9·1	7·9	7·6	12·2	4·5	7·1	6·8	6·9	5·3	11·1	3·5	13·1	5·1
1858	9·8	10·5	4·7	10·7	10·0	10·9	12·0	7·6	11·5	7·8	16·7	4·8	9·6	7·7	7·4	6·8	7·9	3·3	6·8	10·9	8·0	21·5	9·3	9·7
1859	11·8	4·1	11·5	7·6	14·2	10·4	14·9	11·0	6·8	5·6	7·1	3·8	11·9	3·7	10·3	8·1	8·7	6·3	9·8	18·6	7·3	18·0	13·4	19·7
1860	13·5	6·0	4·2	13·0	8·0	9·1	4·6	11·4	5·7	8·4	1·3	9·7	...	12·5	...	8·4	2·4	12·1	8·9	12·5	4·0	9·4	7·3	18·1
1861	8·5	21·3	7·4	7·4	7·2	5·3	3·7	16·8	9·3	13·8	9·4	7·2	3·6	6·2	11·1	4·8	7·9	6·6	10·2	1·7	12·1	17·7	8·6	11·8
1862	13·2	11·8	13·7	13·9	12·3	12·6	10·4	15·2	12·6	4·2	5·1	9·0	1·5	9·1	3·7	8·2	6·5	10·4	8·8	9·3	4·8	15·1	13·4	4·1
1863	10·9	0·5	9·1	6·5	10·7	5·2	8·5	8·6	7·2	9·2	5·5	5·7	6·0	7·6	5·8	8·4	4·5	8·5	7·0	4·6	11·5	7·8	9·2	4·4
1864	10·4	19·0	9·2	15·0	7·7	7·5	8·7	9·4	10·6	10·0	5·2	8·1	9·0	9·9	9·1	11·3	8·6	9·8	7·5	7·7	7·2	11·2	7·1	16·8
1865	10·1	12·5	5·9	15·7	3·9	13·2	14·8	9·6	12·8	5·1	9·5	8·3	7·4	5·9	5·2	12·0	12·1	1·8	7·0	8·2	10·0	8·5	9·0	5·0
1866	12·4	5·5	12·2	9·5	12·3	10·0	14·9	9·6	3·6	13·6	9·7	8·3	9·3	8·1	5·8	7·6	5·2	7·7	7·6	10·6	9·3	9·0	11·2	10·1
1867	13·6	26·1	11·8	6·4	8·6	12·0	9·7	3·0	14·8	16·5	10·3	7·3	5·3	10·5	13·9	12·1	9·1	7·1	9·2	12·2	9·9	12·8	10·1	17·8
1868	11·3	8·0	10·2	4·1	10·5	5·0	6·9	10·0	16·1	5·7	8·4	2·6	15·4	4·6	10·5	4·7	11·5	1·5	5·1	11·4	5·3	11·7	11·3	3·2
1869	14·2	9·7	12·0	5·8	4·2	8·8	15·3	7·1	4·9	13·5	12·3	27·2	12·4	7·7	9·5	8·0	9·6	6·8	9·0	12·1	11·6	8·6	11·0	13·0

On looking over this Table the first thing that strikes one is that the largest numbers are those generally under the — sign, and particularly so in the months of winter. There are but four blanks in the Table, *viz.*, February 1853, July and August 1860, and October 1831, showing, as before, that these are the only four months of one temperature throughout, three being cold and one warm.

By picking out under each month the largest number with a + sign and the largest number with a — sign, the extreme departures in each month in 44 years will be shown, and are as follows:—

In January	the greatest excess on any one day was		16°·0	in the year	1828
,, February	,,	,,	16·9	,,	1831
,, March	,,	,,	14·7	,,	1826
,, April	,,	,,	16·1	,,	1828
,, May	,,	,,	17·6	,,	1847
,, June	,,	,,	16·7	,,	1858
,, July	,,	,,	15·4	,,	1868
,, August	,,	,,	14·5	,,	1842
,, September	,,	,,	12·1	,,	1865
,, October	,,	,,	11·9	,,	1831
,, November	,,	,,	15·9	,,	1852
,, December	,,	,,	13·9	,,	1856

And

In January	the greatest deficiency on any one day was		29°·6	in the year	1838
,, February	,,	,,	22·4	,,	1855
,, March	,,	,,	22·3	,,	1845
,, April	,,	,,	16·8	,,	1861
,, May	,,	,,	16·5	,,	1867
,, June	,,	,,	27·2	,,	1869
,, July	,,	,,	16·2	,,	1856
,, August	,,	,,	12·1	,,	1867
,, September	,,	,,	12·1	,,	1860
,, October	,,	,,	18·6	,,	1859
,, November	,,	,,	21·5	,,	1858
,, December	,,	,,	20·5	,,	1844

In every month, with the exception of May and August, the extreme deficiency of temperature is larger than the extreme excess, and very largely so in many months.

The greatest excess of temperature during the 44 years was 17°·6; this took place on May 28, 1847; and the greatest deficiency was 29°·6, on January 20, 1838.

These extremes of temperature affect vegetation greatly, but they seldom occur alone; it is very necessary for the operations of open-air horticulturists to know for what lengthened periods these departures from averages may extend. By looking over Tables XVI. to XXVII., it

will be seen that very often there are long groups of + or — quantities, and that frequently several of the numbers are very large to which these signs are attached; and it is the accumulation of these departures, more than in isolated cases, which requires the attention of the horticulturist. These periods are variable in length, frequently of a week's duration, and less frequently of a fortnight; taking the latter as a limit, the following numbers show all the periods of excess of 14 days' or more than 14 days' continuance.

By taking the periods of excess above the average in each month, in which the number of days extend to 14 or more, and entering them opposite the month in which the period commences, we have the following:—

1828	January	17	to February	8	equal	23 days
1835	,,	23	,, ,,	8	,,	17 ,,
1840	,,	14	,, January	29	,,	16 ,,
1846	,,	13	,, February	7	,,	26 ,,
1849	,,	13	,, January	28	,,	16 ,,
1863	,,	18	,, February	8	,,	22 ,,
1866	,,	26	,, ,,	12	,,	18 ,,
1869	,,	28	,, ,,	21	,,	25 ,,
1828	February	19	,, March	4	,,	15 ,,
1831	,,	24	,, ,,	13	,,	18 ,,
1834	,,	18	,, ,,	12	,,	23 ,,
1835	,,	11	,, February	27	,,	17 ,,
1837	,,	8	,, ,,	23	,,	16 ,,
1846	,,	16	,, March	11	,,	24 ,,
1848	,,	3	,, February	16	,,	14 ,,
1859	,,	9	,, ,,	22	,,	14 ,,
1863	,,	19	,, March	8	,,	18 ,,
1867	,,	1	,, February	26	,,	26 ,,
1868	,,	17	,, March	7	,,	19 ,,
1828	March	8	,, ,,	21	,,	14 ,,
1830	,,	8	,, ,,	31	,,	24 ,,
1841	,,	5	,, April	1	,,	28 ,,
1842	,,	7	,, March	20	,,	14 ,,
1843	,,	11	,, ,,	26	,,	16 ,,
1848	,,	22	,, April	5	,,	15 ,,
1850	,,	30	,, ,,	19	,,	22 ,,
1857	,,	26	,, ,,	10	,,	16 ,,
1862	,,	24	,, ,,	7	,,	15 ,,
1826	April	2	,, ,,	23	,,	22 ,,
1827	,,	2	,, ,,	17	,,	16 ,,
1830	,,	20	,, May	8	,,	19 ,,
1831	,,	19	,, ,,	4	,,	16 ,,
1834	,,	27	,, ,,	16	,,	20 ,,
1840	,,	20	,, ,,	16	,,	27 ,,

1844	April	8	to May	14	equal	37 days
1863	„	8	„ April	28	„	21 „
1867	„	1	„ „	20	„	20 „
1868	„	15	„ May	4	„	20 „
1828	May	6	„ „	19	„	14 „
1833	„	1	„ „	25	„	25 „
1841	„	21	„ June	5	„	16 „
1846	„	29	„ „	22	„	25 „
1848	„	3	„ May	18	„	16 „
1858	„	29	„ June	17	„	20 „
1859	„	24	„ „	13	„	21 „
1868	„	8	„ May	22	„	15 „
1826	June	6	„ June	20	„	15 „
1826	„	23	„ July	15	„	23 „
1828	„	22	„ „	11	„	20 „
1831	„	9	„ June	23	„	15 „
1836	„	26	„ July	13	„	18 „
1837	„	12	„ June	25	„	14 „
1842	„	3	„ „	17	„	15 „
1859	„	30	„ July	23	„	24 „
1827	July	6	„ „	20	„	15 „
1831	„	26	„ August	17	„	23 „
1834	„	28	„ „	21	„	25 „
1835	„	15	„ July	30	„	16 „
1852	„	3	„ „	29	„	27 „
1856	„	28	„ August	16	„	20 „
1868	„	6	„ July	28	„	23 „
1826	August	14	„ September	6	„	24 „
1837	„	9	„ August	23	„	15 „
1842	„	12	„ „	30	„	19 „
1831	September	23	„ November	2	„	41 „
1843	„	6	„ September	24	„	19 „
1846	„	4	„ „	18	„	15 „
1859	„	30	„ October	20	„	21 „
1861	„	28	„ „	15	„	18 „
1865	„	2	„ September	21	„	20 „
1868	„	1	„ „	15	„	15 „
1826	October	18	„ October	31	„	14 „
1849	„	17	„ „	30	„	14 „
1852	„	30	„ November	22	„	24 „
1853	„	21	„ „	8	„	19 „
1856	„	2	„ October	18	„	17 „
1863	„	10	„ „	23	„	14 „
1827	November	3	„ November	20	„	18 „
1828	„	14	„ „	30	„	17 „

1831	November	30	to December	20	equal	21 days
1832	„	14	„ November	28	„	15 „
1839	„	3	„ „	20	„	18 „
1846	„	10	„ „	26	„	17 „
1863	„	14	„ „	28	„	15 „
1826	December	7	„ December	21	„	15 „
1827	„	14	„ „	27	„	14 „
1828	„	10	„ „	25	„	16 „
1833	„	14	„ 1834 Jan.	28	„	46 „
1837	„	17	„ 1838 Jan.	4	„	19 „
1843	„	14	„ December	31	„	18 „
1848	„	3	„ „	16	„	14 „
1852	„	2	„ 1853 Jan.	16	„	46 „
1863	„	2	„ December	21	„	20 „
1868	„	1	„ „	28	„	28 „

During the 44 years, there were periods of excess of temperature, of a fortnight or more in duration, beginning:—

In January	in 8 years	In July	in 7 years
„ February	„ 11 „	„ August	„ 3 „
„ March	„ 9 „	„ September	„ 7 „
„ April	„ 10 „	„ October	„ 6 „
„ May	„ 8 „	„ November	„ 7 „
„ June	„ 8 „	„ December	„ 10 „

or 94 instances in all.

By taking the periods of defect below the average in each month in which the number of days extend to 14 or more, and entering them opposite the month in which the period commences, we have the following:—

1829	January	5	to January	25	equal	21 days
1830	„	8	„ February	6	„	30 „
1838	„	5	„ January	28	„	24 „
1842	„	17	„ „	30	„	14 „
1844	„	31	„ February	14	„	15 „
1845	„	28	„ „	24	„	28 „
1847	„	9	„ January	23	„	15 „
1850	„	5	„ „	18	„	14 „
1853	„	31	„ March	4	„	33 „
1855	„	13	„ February	24	„	43 „
1857	„	22	„ „	5	„	15 „
1865	„	16	„ January	31	„	16 „
1827	February	2	„ February	25	„	24 „
1838	„	10	„ „	24	„	15 „
1840	„	18	„ March	9	„	20 „
1845	„	28	„ „	21	„	22 „
1858	„	14	„ „	12	„	27 „
1866	„	26	„ „	15	„	18 „
1867	„	27	„ „	22	„	24 „

1837	March	11	to April	24	equal	45	days
1850	,,	14	,, March	29	,,	16	,,
1853	,,	14	,, ,,	30	,,	17	,,
1865	,,	3	,, ,,	31	,,	29	,,
1869	,,	20	,, April	4	,,	16	,,
1826	April	24	,, May	9	,,	16	,,
1838	,,	16	,, April	30	,,	15	,,
1842	,,	1	,, ,,	19	,,	19	,,
1849	,,	10	,, ,,	24	,,	15	,,
1854	,,	22	,, May	6	,,	15	,,
1855	,,	25	,, ,,	9	,,	15	,,
1857	,,	22	,, ,,	10	,,	19	,,
1860	,,	9	,, April	28	,,	20	,,

There are no instances in May in which the periods extend to 14 days, but there are several periods of 13 days.

1860	May	26	to June	23	equal	29	days
1830	June	7	,, ,,	23	,,	17	,,
1847	,,	13	,, ,,	26	,,	14	,,
1854	,,	2	,, ,,	21	,,	20	,,
1856	,,	11	,, ,,	24	,,	14	,,
1860	,,	25	,, September	7	,,	75	,,
1862	,,	8	,, July	7	,,	30	,,
1869	,,	9	,, June	26	,,	18	,,
1840	July	2	,, July	27	,,	26	,,
1848	,,	31	,, August	25	,,	26	,,
1849	,,	17	,, ,,	1	,,	16	,,
1850	,,	1	,, July	14	,,	14	,,
1853	,,	10	,, ,,	26	,,	17	,,
1862	,,	9	,, ,,	25	,,	17	,,
1863	,,	16	,, August	1	,,	17	,,
1867	,,	22	,, ,,	7	,,	17	,,
1828	August	9	,, ,,	23	,,	15	,,
1829	,,	24	,, September	8	,,	16	,,
1845	,,	6	,, August	24	,,	19	,,
1853	,,	3	,, ,,	18	,,	16	,,
1866	,,	3	,, ,,	18	,,	16	,,
1829	September	11	,, October	2	,,	22	,,
1836	,,	5	,, September	22	,,	18	,,
1840	,,	11	,, ,,	26	,,	16	,,
1840	,,	28	,, October	15	,,	18	,,
1850	,,	28	,, ,,	17	,,	20	,,
1852	,,	29	,, ,,	14	,,	16	,,
1863	,,	4	,, September	17	,,	14	,,
1842	October	18	,, November	8	,,	22	,,
1869	,,	16	,, October	31	,,	16	,,
1835	November	1	,, November	16	,,	16	,,
1844	,,	21	,, December	17	,,	27	,,
1846	,,	27	,, ,,	18	,,	22	,,
1851	,,	11	,, ,,	4	,,	24	,,

1853	November	14	to November	28	equal	15	days
1855	,,	29	,, December	14	,,	16	,,
1856	,,	3	,, November	17	,,	15	,,
1858	,,	6	,, ,,	24	,,	19	,,
1859	,,	8	,, ,,	22	,,	15	,,
1862	,,	11	,, ,,	27	,,	17	,,
1829	December	13	,, 1830 Jan.	6	,,	25	,,
1835	,,	4	,, December	17	,,	14	,,
1837	,,	1	,, ,,	16	,,	16	,,
1840	,,	3	,, ,,	30	,,	28	,,
1841	,,	30	,, 1842 Jan.	15	,,	17	,,
1853	,,	14	,, 1854 Jan.	6	,,	24	,,
1859	,,	10	,, December	23	,,	14	,,
1860	,,	10	,, 1861 Jan.	19	,,	41	,,

During the 44 years there were periods of deficiency of temperature of a fortnight or more in duration, beginning

In January	there are	12	times	In July	there are	8	times
,, February	,,	7	,,	,, August	,,	5	,,
,, March	,,	5	,,	,, September	,,	7	,,
,, April	,,	8	,,	,, October	,,	2	,,
,, May	,,	1	,,	,, November	,,	10	,,
,, June	,,	7	,,	,, December	,,	8	,,

Or 80 instances in all, being 14 less in number than in similar periods of excess of temperature.

From the above groups we find that the largest periods of excess and deficiency above or below the average in each month are as follows:—

In January,	of excess	26	days in	1846;	and of deficiency	43	days	in	1855
,, February	,, ,,	26	,,	1867	,, ,,	27	,,		1858
,, March	,, ,,	28	,,	1841	,, ,,	45	,,		1837
,, April	,, ,,	37	,,	1844	,, ,,	20	,,		1860
,, May	,, ,,	25	,,	1833 and 46	,,	29	,,		1860
,, June	,, ,,	24	,,	1859	,, ,,	75	,,		1860
,, July	,, ,,	27	,,	1852	,, ,,	31	,,		1860
,, August	,, ,,	24	,,	1826	,, ,,	31	,,		1860
,, September	,, ,,	41	,,	1831	,, ,,	22	,,		1829
,, October	,, ,,	24	,,	1852	,, ,,	22	,,		1842
,, November	,, ,,	21	,,	1831	,, ,,	27	,,		1844
,, December	,, ,,	46	,,	1833 and 52	,,	41	,,		1860

Thus the longest period of excess above the average is 46 days, both beginning in December, in 1833 and 1852; and the longest period of deficiency below the average is 75 days, beginning in June 1860.

By taking the algebraical means of the values in each column of Tables XVI. to XXVII., the following Table was formed.

By looking over this Table at the general distribution of the + and − signs, the most remarkable fact is the preponderance of + signs in the month of January, towards the end of the series, over those at the

TABLE XXIX.

Showing the Departure above or below the Average of the Temperature of each Month.

Year	January	February	March	April	May	June	July	August	September	October	November	December
1826	−5·0	+4·4	+1·0	+2·5	−1·5	+3·5	+3·5	+3·8	+1·3	+2·6	−1·4	+3·8
1827	−1·7	−5·5	+3·0	+1·9	+1·9	−0·1	+3·4	+0·1	+1·9	+2·5	+1·2	+4·7
1828	+4·3	+2·6	+3·0	+1·6	+2·9	+2·2	+0·2	−0·9	+2·6	+0·7	+2·7	+5·3
1829	−4·4	+0·4	−1·5	−2·3	+1·4	−0·2	−2·1	−2·4	−2·5	−1·9	−2·1	−6·4
1830	−5·2	−2·6	+6·1	+2·8	+2·5	−2·7	+1·6	−1·9	−2·0	+1·4	+2·7	−4·1
1831	−1·8	+3·5	+4·4	+3·4	+0·1	+0·9	+1·8	+3·3	+1·0	+6·5	+0·7	+2·6
1832	−0·5	−1·2	+0·3	+0·8	−1·2	+0·5	−0·6	+0·5	+0·1	+1·0	+1·6	+1·8
1833	−2·5	+4·3	−3·5	−1·0	+6·6	+0·6	−0·9	−2·3	−2·4	+0·9	+0·9	+5·7
1834	+8·2	+1·8	+3·0	−0·6	+3·4	+1·4	+2·5	+1·4	+2·2	+1·2	+2·0	+0·9
1835	+1·3	+3·6	+0·4	+0·8	−0·3	+0·7	+2·0	+3·0	+1·6	−1·4	+1·9	−5·0
1836	−0·6	−1·5	+2·4	−2·6	−1·4	+2·1	+1·1	−0·7	−2·7	−2·0	−0·1	+0·3
1837	+0·9	+1·6	−4·8	−6·1	−4·9	+0·3	+0·9	+0·6	−0·7	+0·5	−2·2	+1·1
1838	−8·6	−5·7	−0·1	−3·9	−1·1	−1·2	−0·9	−0·4	−1·4	+0·7	−1·0	−1·2
1839	+0·3	+0·8	−0·8	−3·5	−1·2	+0·5	−0·6	−0·5	+0·2	+0·2	+3·5	+0·2
1840	+2·2	−0·3	−3·0	+2·6	+2·2	+0·9	−2·8	+1·6	−3·6	−4·5	+0·5	−7·5
1841	−2·9	−2·4	+4·5	0·0	+4·5	−3·1	−3·4	−0·4	+1·7	−0·2	+0·4	+0·3
1842	−4·1	+1·8	+3·5	−0·6	+0·6	+3·1	−2·8	+5·0	+0·5	−4·1	+0·6	+4·6
1843	+2·7	−2·9	+1·4	+1·0	−1·3	−3·2	−1·1	+1·3	+4·2	−1·8	+0·6	+3·9
1844	+1·3	−3·6	+0·1	+1·1	−0·7	+1·2	+0·1	−2·8	+0·9	−0·7	+0·7	−6·4
1845	+1·5	−6·3	−5·5	−0·1	−4·2	−0·2	−2·1	−3·6	−3·0	−1·2	+1·8	+0·5
1846	+5·7	+4·1	+1·7	−0·4	+2·3	+6·3	+2·7	+1·9	+3·5	−0·3	+2·0	−7·6
1847	−2·6	−3·6	−1·0	−2·9	+2·9	−2·2	+2·5	+0·4	−3·3	+2·0	+3·5	+2·1
1848	−3·0	+4·4	+1·4	+0·1	+4·6	−1·1	−0·7	−3·2	−0·8	−0·2	−1·1	+2·4
1849	+2·5	+2·5	+0·7	−3·3	+1·3	−0·2	−0·8	+1·1	+0·9	−0·3	+0·2	−2·0
1850	−4·0	+4·2	−2·7	+1·5	−2·5	+0·5	−0·7	−1·9	−1·9	−5·0	+2·0	−0·8
1851	+4·7	+0·3	+0·7	−1·7	−1·9	−0·1	−1·4	+1·4	−0·8	+2·0	−5·6	+0·1
1852	+3·0	+0·7	−1·4	−1·4	−1·7	−2·2	+5·0	+0·9	−0·3	−3·4	+5·8	+7·2
1853	+4·8	−6·3	−3·8	−1·1	−1·9	−1·1	−1·5	−1·6	−1·4	+0·5	−1·7	−6·2
1854	+1·3	−0·4	+1·6	+1·6	−2·6	−2·9	−1·0	−1·0	+0·3	−1·4	−3·1	−0·1
1855	−3·2	−10·6	−4·0	−1·2	−4·6	−2·2	−0·1	+0·8	−0·7	+0·1	−1·8	−4·4
1856	+1·4	+2·4	−2·9	−0·5	−3·8	−0·7	−1·0	+1·6	−2·3	+0·9	−2·6	−0·5
1857	−1·5	−1·6	+0·1	−1·4	+0·5	+1·9	+1·2	+3·0	+1·8	+2·0	+3·1	+4·2
1858	−1·3	−4·5	0·0	+0·2	−1·3	+5·3	−1·6	−0·1	+2·9	−0·5	−5·0	0·0
1859	+2·4	+2·4	+4·0	−0·6	−0·6	+2·4	+5·0	+0·9	−0·8	−0·3	−2·4	−4·3
1860	+1·6	−4·2	−0·6	−4·4	−0·2	−5·2	−4·5	−4·0	−4·3	−0·4	−3·0	−4·6
1861	−4·8	+2·1	+1·4	−3·5	−1·8	−0·1	−1·4	+1·0	−0·6	+4·3	−3·6	−0·5
1862	+1·1	+2·1	+1·5	+1·1	+2·4	−3·1	−4·0	−2·1	+0·3	+1·5	−2·8	+3·5
1863	+4·2	+2·9	+2·3	+2·1	−1·5	−0·6	−1·0	+0·5	−3·1	+1·7	+2·1	+2·3
1864	−2·7	−3·7	−1·0	+1·3	+0·4	−2·1	−1·3	−2·3	−0·5	+0·2	−1·1	−2·0
1865	−1·3	−2·7	−5·6	+4·6	+2·2	−0·3	+0·8	−2·4	+5·1	−0·1	+1·4	+2·5
1866	+5·3	+1·2	−1·3	+1·3	−3·3	+1·8	−1·3	−1·9	−0·9	+0·6	+2·0	+3·0
1867	−4·2	+5·5	−3·8	+3·3	+0·3	−0·4	−2·6	+0·3	+0·9	−1·7	−2·3	−3·2
1868	+0·1	+4·0	+3·0	+1·4	+4·1	+3·1	+5·6	+2·6	+3·3	−2·6	−1·4	+5·7
1869	+3·2	+5·8	−4·3	+3·2	−2·9	−3·9	+2·3	−0·9	+2·2	−0·9	+0·3	−2·4

NOTE.—The sign *plus* (+) signifies above the average, and the sign *minus* (−) below the average.

beginning of the series; it is a fact well worthy the thoughtful attention of all horticulturists; the same thing is also shown in February, but to a less degree. Then, on the contrary, in the months of May, June, and July, the + signs seem to be more frequent at the beginning of the series than towards the end; particularly this is shown in the month of July, implying that our winter months are somewhat warmer, and our summer months somewhat colder, than formerly.

It will be seen that the same months have frequently been either above or below the average for three or four years in succession.

By selecting under each month the largest number with the + sign and the largest number with the − sign, the warmest and coldest of the several months are shown, and are as follows:—

In January	the greatest excess was	8°·2	in 1834,	and greatest deficiency was	8°·6	in 1838
,, February	,,	,,	5·8	,, 1869	,, ,,	10·6	,, 1855
,, March	,,	,,	6·1	,, 1830	,, ,,	5·6	,, 1865
,, April	,,	,,	4·6	,, 1865	,, ,,	6·1	,, 1837
,, May	,,	,,	6·6	,, 1833	,, ,,	4·9	,, 1837
,, June	,,	,,	6·3	,, 1846	,, ,,	5·2	,, 1860
,, July	,,	,,	5·6	,, 1868	,, ,,	4·5	,, 1860
,, August	,,	,,	5·0	,, 1842	,, ,,	4·0	,, 1860
,, September	,,	,,	5·1	,, 1865	,, ,,	4·3	,, 1860
,, October	,,	,,	6·5	,, 1831	,, ,,	5·0	,, 1850
,, November	,,	,,	5·8	,, 1852	,, ,,	5·6	,, 1851
,, December	,,	,,	7·2	,, 1852	,, ,,	7·6	,, 1846

Therefore the largest monthly excess of temperature was 8°·2 in January 1834, and the largest deficiency was 10°·6 in February 1855.

By taking the means of the numbers in each horizontal line in Table XXIX., the departure from the average of each year's temperature will be shown, divided into two groups of warm and cold, and are as follows:—

Warm Years

In 1826	too high by	1°·5
,, 1827	,,	1·1
,, 1828	,,	2·3
,, 1830	,,	0·1
,, 1831	,,	2·2
,, 1832	,,	0·2
,, 1833	,,	0·5
,, 1834	,,	2·3
,, 1835	,,	0·7
,, 1842	,,	0·7
,, 1843	,,	0·4
,, 1846	,,	1·8
,, 1848	,,	0·2

Cold Years

In 1829	too low by	2°·0
,, 1836	,,	0·5
,, 1837	,,	1·1
,, 1838	,,	2·1
,, 1840	,,	1·0
,, 1841	,,	0·1
,, 1844	,,	0·4
,, 1845	,,	1·8
,, 1847	,,	0·2
,, 1850	,,	0·9
,, 1851	,,	0·2
, 1853	,,	1·8
,, 1854	,,	0·6

Warm Years

In 1849	too high by	0°·2
,, 1852	,,	1·0
,, 1857	,,	1·1
,, 1859	,,	0·7
,, 1862	,,	0·1
,, 1863	,,	1·0
,, 1865	,,	0·4
,, 1866	,,	0·5
,, 1868	,,	2·4
,, 1869	,,	0·1

Cold Years

In 1855	too low by	2°·7
,, 1856	,,	0·7
,, 1858	,,	0·5
,, 1860	,,	2·8
,, 1861	,,	0·6
,, 1864	,,	1·2
,, 1867	,,	0·7

The year 1839 was of the average temperature.

The warm years 1828, 1831, 1834, and 1868 were all 2°¼ above the average: the year of greatest excess was 1868.

The cold years 1829, 1838, 1855, and 1860 were from 2°·0 to 2°·8 below the average: the year of greatest deficiency was 1860.

Thus in 44 years, the temperature of 23 have been above; 20 below, and one of the average value.

It is remarkable that from 1826 to 1835, with the single exception of 1829, every year was above the average; and those from 1836 to 1841, with the exception of 1839, which was just the average, all were below; and since then the only group of four or five years together of the same character in this respect were those from 1850 to 1856 (with the exception of 1852), which were below their averages. Since the year 1856, warm and cold years have been almost alternate.

The year 1853 was of the average temperature.

The warm years 1826, 1831, 1834, and 1868 were all 2° above the average: the year of greatest excess was 1868.

The cold years 1829, 1838, 1855, and 1860 were from 2°·0 to 2°·5 below the average: the year of greatest deficiency was 1860.

Thus in 44 years, the temperature of 22 have been above; 20 below; and one of the average value.

It is remarkable that from 1826 to 1828, with the single exception of 1829, every year was above the average; and those from 1836 to 1844, with the exception of 1842, which was just the average, all were below; and since then the only group of four or five years together of the same character in this respect were those from 1850 to 1856 (with the exception of 1853), which were below their average. Since the year 1856, warm and cold years have been almost alternate.

ON THE

DAILY RANGES OF TEMPERATURE

ON EVERY

DAY OF THE YEAR

FROM ALL

THE MAXIMUM AND MINIMUM READINGS

OF

THERMOMETERS

TAKEN AT THE

HORTICULTURAL GARDENS

AT

CHISWICK

FROM THE YEAR 1826 *TO THE END OF* 1869

DAILY RANGES OF TEMPERATURE.

It is found that animal life is best preserved when the temperature of each season is that of its average, and when the range of temperature is also that of the average, and that sickness and death follow any great departure from these averages.

The occasional destruction of shrubs and fruit-trees by the cold of winter is very distressing and very annoying, and this sometimes takes place when the mean temperature of the air is the same as the plant has previously endured without injury; but the mean temperature of a period does not represent the actual temperature to which the plant has been subjected. The mean temperature may be based upon a range of temperature corresponding to the average, or it may be from one much smaller or much larger than the average; and in the latter case the plant is subjected to the injurious effect of alternate very high and very low temperatures, and in winter time this would imply a period, and perhaps a long one, in which the temperature was below 32° Fahr.

It is very important that the agriculturist and out-door horticulturist should know the ranges of temperature to which plants are exposed in the open air. This variation of temperature differs day by day and month by month; and it is only after a long series of observations that we are able to determine the average daily range in every season. The readings of the maximum and minimum thermometers have been taken continuously at Chiswick since 1826, and the difference between these values gives the range of temperature on each day throughout the period comprised between the years 1826–1869. Collecting these month by month and arranging them in parallel columns for different years, we have at one opening the ranges of temperature on every day throughout that month for the whole forty-four years, and thus Tables XXX. to XLI. were formed.

Looking over the numbers in these Tables we see that in any month the range may be as small as 1° to 5°, and as large as from 30° to 40° in the winter months, and exceeding 40° by several degrees in the summer months. That frequently several days of small range come together, indicative of so many days of cloudy skies; and several days of larger range come together, indicating periods of clear skies.

By looking at the numbers on the same horizontal line, or the daily ranges of temperature on the same day of the month in different years, similar large differences appear; for instance on January 1 in the year 1837 the range was 23°, whilst in 1851 and 1859 on the same day of the year it was 3° only. Great varieties are thus shown on every day by comparing the results of different years together, or the numbers on the same horizontal line in the several Tables.

These results, being dependent on the different directions of the wind, the more or less cloudy state of the sky, and the different conditions of the weather generally, are as variable as the weather itself.

The maximum and minimum temperatures from which these results have been obtained are not given in these series of Tables, but they may be found approximately on any day by adding one-half of the range to the mean temperature of the same day, Table I. to XII., for the maximum, and by subtracting one-half of the range from the mean temperature for the day for the minimum.

By selecting the smallest and largest range in each month in all the years Table XLII. has been formed.

This Table shows very clearly how variable the range of temperature may be in twenty-four hours, and how very different in different years.

For instance, in the month of January under 'greatest' in the year 1833, the largest range in any one day was 15°, whilst in general it exceeds 20°, and in some years it has been as large as 30°. On the contrary, under 'least' in the years 1828 and 1854 the range has been as small as 1°, and by looking down the column it will be seen that ranges as small as 2° or 3° are common, whilst in other years there has been no range less than 8° or 9°. As small daily ranges have taken place in January and December, as 1°; in February and November as 2°; in March, April, and October as 3°, in June and September as 4°; and in July and August as 5°. As large daily ranges as 32° have taken place in the months of January and December; of 34° in November; of 38° in February; of 39° in March; of 42° in June and October; of 44° in May; of 45° in July; of 48° in April, and one of 49° in August 1861, which is the largest in the Table.

By taking the mean of all the daily ranges in each year, or the mean of the numbers in every vertical column in Tables XXX. to XLI., Table XLIII. is formed.

From these numbers we see that the mean monthly daily range of temperature has varied

the observations ty at

1826–1869.

R Y.

Day of the Month	848	1849	1850	1851	866	1867	1868	1869
1	13°	4°	16°	3°	20°	20°	6°	15°
2	11	9	12	10	0	20	4	7
3	10	9	12	6	1	26	9	16
4	22	3	22	8	7	18	9	15
5	22	8	21	18	1	26	3	18
6	14	16	17	14	20	19	10	17
7	13	13	22	10	5	9	10	9
8	9	8	14	17	9	16	5	8
9	0	10	4	16	6	12	4	12
10	4	11	6	16	7	7	5	6
11	3	8	7	4	9	14	6	4
12	5	2	5	4	5	20	11	4
13	8	4	9	5	22	32	15	7
14	9	24	5	8	2	26	10	10
15	2	14	6	13	5	16	15	20
16	3	20	5	14	8	13	11	15
17	5	15	8	14	2	14	13	12
18	1	14	4	15	8	14	10	9
19	6	11	18	14	2	19	11	12
20	6	10	3	10	3	7	14	19
21	2	11	8	10	9	5	14	8
22	5	12	5	14	0	12	13	14
23	6	6	7	20	3	28	7	8
24	8	3	5	9	20	11	14	10
25	7	7	19	13	1	13	17	14
26	7	13	30	14	1	10	18	12
27	2	11	10	21	2	9	16	11
28	2	12	16	14	1	10	19	13
29	6	18	18	10	2	10	16	14
30	2	19	18	11	5	18	17	15
31	6	25	10	12	1	13	11	6

TABLE XXX. *Ranges of Temperature on every day in the month of January, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869.

JANUARY.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	9°	17°	6°	13°	7°	13°	10°	15°	8°	11°	19°	23°	6°	11°	9°	11°	13°	16°	12°	11°	16°	6°
2	13	20	12	15	6	13	8	7	15	17	14	19	7	7	13	13	12	14	18	20	19	8
3	6	20	18	11	5	8	17	9	7	15	12	11	21	9	6	18	15	24	28	11	15	5
4	5	9	12	13	4	2	9	13	11	14	7	7	20	16	12	6	5	14	17	9	16	5
5	2	9	4	11	18	9	10	12	4	22	10	12	4	12	16	11	6	10	10	11	18	13
6	3	8	8	5	6	16	5	12	14	13	18	12	3	21	19	9	4	7	16	11	7	3
7	6	4	5	7	13	19	8	11	11	9	6	17	8	15	20	21	7	10	23	22	5	5
8	8	5	8	5	10	8	7	7	9	8	12	16	8	5	16	14	6	12	13	4	9	5
9	10	14	9	6	5	3	9	8	6	14	6	7	3	15	8	22	3	15	7	7	9	14
10	10	6	13	10	11	8	7	9	8	13	5	14	10	17	10	8	6	7	18	19	5	9
11	18	6	3	2	8	7	9	9	5	5	10	10	16	8	22	6	4	9	16	7	10	13
12	13	14	3	4	7	7	9	9	10	13	11	18	15	12	20	17	7	20	9	5	5	9
13	18	14	3	6	11	6	10	3	5	13	14	16	5	11	11	6	4	9	9	21	13	17
14	17	10	9	5	3	8	13	8	8	9	8	9	19	12	10	4	4	11	9	15	13	16
15	13	9	5	8	8	2	14	4	14	5	14	9	22	13	5	8	19	14	20	3	13	15
16	9	4	1	6	7	10	17	4	13	16	13	6	8	15	10	12	11	11	17	16	11	9
17	16	12	5	12	16	12	10	8	9	20	14	5	12	15	7	7	21	5	10	5	15	3
18	9	16	9	10	5	13	16	2	12	18	13	6	6	20	26	14	2	16	6	13	18	4
19	9	14	13	22	22	9	5	2	9	18	16	5	11	21	14	8	6	10	11	13	13	7
20	7	10	13	10	7	4	13	10	15	17	11	4	22	15	14	12	4	10	20	11	11	11
21	11	13	15	7	6	5	7	9	9	17	10	11	18	13	9	13	5	7	13	28	11	6
22	8	11	15	8	7	4	4	14	10	10	9	9	17	4	13	12	9	10	23	18	15	6
23	9	7	15	10	5	19	16	13	5	9	12	5	13	12	5	11	10	5	10	9	9	10
24	4	14	7	9	12	5	8	12	8	15	14	10	5	16	16	12	13	9	15	12	12	9
25	4	6	12	3	10	7	22	7	17	13	14	5	3	17	16	8	18	5	10	22	10	14
26	12	10	9	15	7	8	12	11	9	13	12	6	4	8	18	6	7	6	21	19	14	10
27	12	19	16	13	7	10	11	7	8	10	6	5	5	9	11	19	14	3	11	12	14	9
28	15	17	6	16	3	8	8	9	18	11	15	4	8	7	12	16	18	11	22	22	17	22
29	16	10	18	18	9	11	11	11	11	14	11	9	17	12	11	14	14	7	15	25	17	23
30	7	11	22	8	3	13	6	11	11	17	14	10	5	17	10	3	11	14	19	7	13	17
31	8	9	13	7	9	7	13	3	14	11	9	13	3	15	11	14	17	7	15	16	11	20

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	13°	4°	16°	3°	14°	5°	15°	7°	7°	13°	22°	3°	13°	20°	9°	10°	17°	16°	20°	20°	6°	15°
2	11	9	12	10	15	7	20	7	14	16	11	10	13	15	16	11	20	21	10	20	4	7
3	10	9	12	6	19	11	14	13	10	13	20	7	15	19	16	12	18	17	11	26	9	16
4	22	3	22	8	14	14	1	9	7	9	14	6	17	13	19	12	10	21	7	18	9	15
5	22	8	21	18	16	12	5	11	6	7	9	9	12	11	24	14	23	15	11	26	3	18
6	14	16	17	14	14	17	10	6	13	11	14	7	12	18	20	16	11	8	20	19	10	17
7	13	13	22	10	12	23	5	7	10	7	16	10	15	22	25	15	20	19	15	9	10	9
8	9	8	14	17	17	17	15	7	11	14	16	15	17	31	23	27	19	9	9	16	5	8
9	10	10	4	16	15	15	5	15	4	8	21	12	15	25	11	11	15	12	16	12	4	12
10	4	11	6	16	15	9	6	12	15	13	12	15	12	14	11	5	20	11	17	7	5	6
11	13	8	7	4	8	9	7	8	13	11	20	5	11	16	11	9	20	10	9	14	6	4
12	15	2	5	4	18	8	11	9	10	16	31	7	15	9	12	17	8	14	15	20	11	4
13	8	4	9	5	11	8	14	11	19	9	29	10	8	12	24	14	5	18	22	32	15	7
14	9	24	5	8	12	13	19	22	18	20	25	10	8	6	13	9	3	12	12	26	10	10
15	22	14	6	13	12	7	8	14	20	13	14	15	15	10	18	14	8	15	15	16	15	20
16	13	20	5	14	15	12	7	18	10	19	18	16	22	4	21	7	7	18	8	13	11	15
17	15	15	8	14	11	8	3	12	15	20	18	6	23	7	16	12	11	12	12	14	13	12
18	11	14	4	15	22	18	15	17	13	6	19	11	12	8	19	20	12	16	8	14	10	9
19	6	11	18	14	19	18	16	15	7	18	15	15	17	11	5	11	7	14	12	19	11	12
20	6	10	3	10	11	12	16	15	8	15	19	9	21	12	5	9	7	14	13	7	14	19
21	2	11	8	10	20	17	12	12	14	16	11	6	15	16	11	10	13	13	9	5	14	8
22	5	12	5	14	16	7	20	17	5	11	17	15	17	9	25	18	17	22	10	12	13	14
23	6	6	7	20	17	10	16	10	9	14	29	16	14	12	22	19	24	13	13	28	7	8
24	8	3	5	9	14	10	15	11	13	9	27	17	17	15	19	18	22	16	20	11	14	10
25	7	7	19	13	17	10	24	10	15	9	24	4	13	13	19	12	17	8	11	13	17	14
26	7	13	30	14	24	7	24	14	15	6	11	12	30	14	24	18	20	7	11	10	18	12
27	12	11	10	21	17	9	4	19	22	17	27	14	17	19	18	15	16	6	12	9	16	11
28	12	12	16	14	16	5	10	10	18	19	26	17	17	21	22	18	16	24	11	10	19	13
29	16	18	18	10	20	8	5	13	19	18	25	12	21	26	9	22	23	21	12	10	16	14
30	12	19	18	11	24	8	7	8	17	24	14	15	14	8	10	7	24	12	15	18	17	15
31	16	25	10	12	7	23	13	8	18	24	26	12	17	26	7	8	17	17	11	13	11	6

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TABLE XXXI. *Ranges of Temperature on every day in the month of February, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
	FEBRUARY.																																											
1	4°	12°	12°	23°	6°	10°	12°	7°	16°	10°	10°	7°	4°	16°	9°	8°	15°	8°	19°	11°	12°	10°	11°	16°	8°	14°	18°	4°	18°	16°	9°	21°	16°	12°	20°	21°	10°	12°	14°	10°	13°	11°	21°	14°
2	6	13	14	21	7	16	18	13	10	16	5	9	18	16	10	13	10	8	11	19	13	5	17	7	15	8	8	14	14	5	10	14	5	15	9	23	9	7	7	20	18	13	12	23
3	5	11	11	18	9	14	20	13	14	14	6	20	14	16	7	14	8	21	17	9	13	7	13	6	32	19	17	5	12	16	19	11	21	15	18	15	14	27	14	18	17	21	18	9
4	10	12	13	7	8	12	17	13	17	15	2	9	13	16	7	8	15	9	15	18	13	17	12	15	17	15	15	10	7	6	14	16	15	14	15	8	10	16	12	9	16	19	17	17
5	7	15	7	11	17	10	9	15	20	17	8	13	11	10	11	6	15	10	21	17	19	8	5	12	10	17	12	10	11	9	17	26	22	16	18	6	15	12	5	7	8	17	11	22
6	10	10	14	5	11	23	16	10	21	13	15	16	15	8	16	4	12	7	17	24	17	21	9	4	14	21	14	9	6	6	8	16	22	18	22	12	11	9	8	11	9	20	20	19
7	20	11	11	9	12	8	22	13	15	9	17	16	10	5	13	3	9	5	14	21	21	18	12	10	15	14	19	11	19	9	9	13	18	20	18	17	10	16	16	12	15	9	8	6
8	23	8	17	11	11	3	21	15	12	12	14	13	12	4	15	3	18	3	18	17	17	7	9	19	12	11	8	14	7	5	8	12	20	12	21	11	17	19	13	16	17	13	14	8
9	18	10	7	10	15	13	23	20	13	17	6	5	11	4	10	3	14	5	12	9	19	30	15	16	15	19	12	16	15	10	15	11	11	11	16	8	10	17	16	15	13	13	20	10
10	8	10	8	7	21	29	16	9	18	17	14	7	13	25	14	5	6	11	12	13	19	14	12	17	21	4	20	4	10	19	13	18	8	15	22	23	17	11	22	11	11	10	16	13
11	11	7	6	6	15	14	11	15	16	12	11	13	15	15	12	4	5	5	9	18	19	34	17	29	15	15	21	9	14	25	11	15	4	9	24	20	14	23	14	15	11	18	17	17
12	15	7	6	6	17	17	6	9	14	14	23	10	27	7	15	13	9	9	7	35	12	28	12	23	16	14	18	7	15	13	8	27	11	10	16	15	17	32	16	13	9	13	20	15
13	9	15	5	8	18	8	4	10	18	14	18	18	21	18	25	7	14	24	9	16	18	24	4	18	22	13	12	8	16	14	10	21	5	18	14	16	6	23	15	6	22	9	23	16
14	2	14	5	9	6	11	3	13	14	11	22	20	25	22	21	11	15	23	10	18	24	6	5	20	24	19	16	6	26	19	10	25	7	20	15	20	10	29	17	7	22	20	5	6
15	8	13	19	9	11	14	10	14	12	14	28	22	6	19	16	7	14	7	12	7	14	18	23	25	7	25	16	12	15	24	23	22	10	12	15	14	15	25	11	32	11	19	15	5
16	8	20	19	12	11	16	9	16	21	16	16	15	9	15	7	12	20	12	22	19	7	8	19	12	18	19	20	13	8	13	22	29	22	18	10	20	12	30	22	21	15	19	23	9
17	19	19	15	15	17	14	9	12	22	19	17	23	9	20	7	10	22	22	20	21	8	11	16	24	8	23	9	10	14	14	9	24	21	20	10	22	10	38	10	12	24	13	24	14
18	13	13	15	6	15	11	12	12	3	24	10	20	8	15	10	15	23	3	10	20	9	10	17	17	11	10	16	12	13	26	3	22	14	20	13	25	14	27	17	16	21	6	7	16
19	12	16	20	18	13	13	14	9	13	13	14	11	16	15	6	12	24	3	21	19	7	17	17	12	2	12	16	15	15	22	10	18	17	16	22	15	11	7	12	18	22	9	7	22
20	14	7	15	12	24	13	20	7	14	17	20	11	14	5	3	21	9	4	22	15	10	12	23	19	21	13	16	13	24	27	6	22	15	16	17	10	13	14	8	14	19	17	15	16
21	13	9	14	14	8	8	20	8	20	14	19	17	6	10	6	27	21	17	10	24	22	10	15	11	10	11	19	14	21	20	9	20	17	25	12	11	29	20	8	9	20	20	13	13
22	9	21	11	11	12	8	11	10	12	11	17	13	5	10	10	4	16	11	21	6	15	7	12	12	13	21	16	13	14	16	16	30	17	26	24	16	16	15	21	13	26	7	19	4
23	14	22	4	11	4	11	10	13	5	17	25	18	9	21	12	12	10	16	24	13	8	7	14	16	24	18	18	18	16	19	23	28	10	23	25	8	12	17	19	11	26	26	18	11
24	12	23	4	7	10	9	15	11	12	16	17	13	15	17	15	4	9	9	24	20	10	14	9	10	9	22	11	8	12	16	25	31	19	27	26	9	6	13	12	14	10	19	11	19
25	18	19	5	7	12	9	8	15	28	8	18	14	20	22	19	7	17	6	14	12	14	19	11	17	12	19	16	11	16	12	16	20	17	27	25	10	9	13	9	24	13	12	24	15
26	11	4	12	4	11	23	10	15	25	14	5	11	5	17	8	13	18	6	26	17	21	14	12	15	20	16	10	14	27	8	17	28	12	20	18	26	2	8	6	12	16	12	10	11
27	8	17	12	13	9	21	6	13	11	16	7	11	6	20	8	13	8	3	12	15	24	7	13	20	25	15	14	12	21	10	11	24	15	13	18	25	5	16	6	16	12	12	10	20
28	15	9	8	19	13	15	7	10	15	15	8	14	15	17	13	15	9	5	22	16	22	6	21	19	15	10	20	16	24	21	13	31	15	23	21	15	10	32	20	16	12	15	13	9
29			15				6				5				17				20				12				14				24				31				21				12	

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TABLE XXXII. *Ranges of Temperature on every day in the month of March, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869.

MARCH.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	11°	16°	7°	6°	7°	12°	6°	17°	11°	10°	10°	7°	11°	11°	10°	14°	17°	17°	19°	14°	15°	18°
2	8	9	6	4	7	9	14	14	9	16	13	12	6	19	13	12	10	18	15	9	19	8
3	13	15	10	7	26	14	8	10	14	13	15	9	23	17	18	21	11	15	13	19	13	19
4	18	20	9	13	18	14	10	15	12	14	12	13	11	20	24	13	19	18	13	16	12	11
5	17	18	18	10	23	4	21	21	7	18	19	10	7	5	31	14	27	21	24	15	21	8
6	19	15	12	9	22	9	20	9	18	14	19	9	22	10	33	11	28	14	13	8	12	7
7	12	12	7	8	13	25	17	17	17	13	21	19	19	8	31	19	8	26	18	13	25	13
8	18	12	12	9	13	14	14	10	15	12	16	16	17	17	34	26	22	17	19	13	30	14
9	24	14	19	16	3	24	24	8	18	18	16	11	26	20	31	30	11	10	24	13	29	20
10	28	15	23	18	9	20	22	8	20	16	9	17	21	15	20	36	14	16	13	13	29	16
11	22	11	19	14	8	17	20	12	24	16	11	18	23	14	12	34	13	7	18	16	29	19
12	17	16	17	9	19	17	18	17	17	22	14	15	25	17	22	36	18	8	16	22	22	21
13	13	11	14	11	17	16	11	19	20	24	10	14	15	14	14	22	20	13	15	12	12	22
14	11	14	23	16	13	18	15	16	18	17	11	11	17	11	14	24	4	11	10	18	9	28
15	16	17	25	20	14	8	16	15	24	14	17	6	16	12	10	36	8	12	23	12	12	21
16	20	14	14	20	14	8	18	9	20	11	14	5	20	18	7	30	12	18	15	15	24	17
17	19	17	16	22	13	15	15	3	11	13	5	5	17	9	8	15	13	33	14	26	23	35
18	21	12	10	19	9	22	14	7	22	21	18	14	16	10	7	16	12	31	11	16	24	34
19	16	11	17	17	7	19	7	20	21	25	32	11	14	20	20	20	16	14	15	19	24	22
20	14	7	13	18	16	11	15	14	22	15	25	17	21	12	23	8	10	20	20	24	24	16
21	13	10	20	23	13	12	16	13	13	11	8	9	22	15	21	6	15	12	27	18	15	33
22	7	13	13	14	12	12	12	20	18	13	16	17	7	12	16	22	18	15	5	8	24	24
23	10	19	16	16	6	13	20	12	8	12	13	22	12	10	20	16	18	18	26	9	18	18
24	8	14	20	19	11	9	9	10	21	16	14	14	13	18	13	28	12	23	13	29	25	19
25	10	13	18	27	25	5	18	12	27	24	15	13	23	16	18	29	18	19	18	15	17	25
26	14	24	17	12	39	18	16	13	21	26	22	25	32	13	9	26	11	15	14	16	17	28
27	13	11	19	16	23	22	18	15	13	25	19	14	28	13	7	21	11	8	19	13	31	24
28	12	8	22	25	35	23	25	25	11	14	8	13	27	15	6	14	13	23	21	21	25	22
29	17	19	14	8	38	9	22	21	18	22	11	15	25	11	16	18	11	27	34	31	22	23
30	23	16	23	10	31	11	15	16	18	33	12	23	22	8	11	14	17	12	17	20	24	30
31	23	15	27	10	29	17	12	21	18	23	14	22	16	8	5	15	15	12	22	33	21	23

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	16°	10°	15°	13°	15°	15°	36°	14°	4°	22°	5°	17°	19°	19°	14°	19°	25°	14°	18°	17°	10°	15°
2	10	17	10	13	24	18	37	15	9	9	6	14	27	12	17	21	16	16	16	15	13	13
3	26	12	21	15	26	14	36	20	9	22	12	16	23	18	35	28	10	23	19	15	13	12
4	16	19	24	19	31	16	27	22	11	17	20	13	19	21	33	33	16	20	12	14	7	15
5	6	18	22	8	26	10	25	27	13	21	16	22	29	11	21	31	10	20	16	24	17	15
6	18	24	29	13	21	11	20	28	12	16	15	14	19	18	13	14	15	12	21	15	14	16
7	14	16	25	16	22	20	26	24	23	20	12	25	8	13	15	17	14	24	20	9	16	25
8	9	16	9	11	18	16	9	22	26	19	17	19	12	30	20	15	17	14	14	14	15	17
9	17	14	23	10	22	25	15	19	26	17	15	26	17	18	13	26	12	16	17	9	15	11
10	11	19	26	12	16	19	16	23	16	10	20	28	23	24	23	16	16	20	14	12	20	11
11	12	10	28	19	11	21	24	8	25	15	23	17	15	12	18	14	14	13	15	9	15	12
12	10	13	30	3	24	28	36	15	17	17	18	8	15	16	23	15	24	18	21	12	17	19
13	8	23	27	16	17	24	21	20	11	12	14	7	16	30	16	23	13	18	18	4	11	14
14	25	10	13	19	18	15	19	14	15	22	14	8	17	24	11	21	13	12	27	7	10	8
15	22	8	29	17	14	20	20	14	14	31	15	17	24	21	10	16	13	11	25	15	25	8
16	8	19	25	16	18	10	23	21	11	19	21	9	22	20	8	17	25	21	16	18	15	12
17	6	29	31	9	17	6	30	17	5	27	15	12	11	17	5	17	31	15	23	20	19	6
18	27	11	20	15	13	14	18	14	9	26	19	25	17	14	14	17	26	10	18	5	16	21
19	24	15	15	8	12	20	14	21	10	9	21	27	14	19	18	19	35	10	12	4	21	17
20	23	19	12	16	31	22	14	28	12	18	20	13	11	15	9	18	10	15	14	16	10	7
21	25	27	9	16	31	14	22	11	24	15	24	17	18	17	11	19	15	18	14	14	13	5
22	23	3	19	10	28	18	17	3	21	18	30	17	19	23	13	27	13	20	18	13	8	17
23	14	14	17	12	34	17	19	11	22	21	33	8	19	33	10	25	32	21	14	14	17	12
24	25	17	20	11	40	24	15	13	13	17	33	7	14	26	26	24	30	28	11	16	14	11
25	20	7	28	15	13	23	13	18	8	19	21	14	16	6	17	23	26	16	16	6	17	20
26	15	11	23	9	17	27	20	16	13	25	33	13	25	18	15	23	17	17	10	17	17	21
27	17	11	28	12	19	23	28	24	30	19	23	10	25	16	17	23	23	25	17	28	23	19
28	18	7	33	16	26	22	23	10	18	14	19	8	12	30	7	17	20	16	16	17	14	7
29	29	22	20	21	18	22	29	19	19	11	38	11	19	23	13	15	24	23	16	21	19	16
30	23	13	15	18	11	29	20	17	32	13	16	12	13	19	18	15	25	25	18	19	30	19
31	36	25	22	12	9	17	28	23	40	22	27	12	9	28	26	16	19	27	12	35	29	23

TABLE XXXIII. *Range of Temperature on every day in the month of April, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869.

Day of the Month	APRIL.																																											
	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	17°	10°	14°	21°	6°	13°	13°	14°	14°	31°	12°	26°	19°	7°	21°	11°	19°	9°	36°	30°	17°	23°	34°	15°	17°	17°	17°	16°	41°	28°	35°	12°	17°	18°	20°	13°	10°	37°	16°	22°	18°	13°	20°	19°
2	10	15	17	9	3	13	28	12	6	23	11	14	20	3	22	30	16	11	43	27	19	16	35	20	20	10	27	20	30	19	24	16	33	10	13	18	11	35	17	29	15	16	20	16
3	23	13	17	21	14	26	28	18	27	23	18	19	9	5	26	31	12	15	40	39	16	12	42	17	12	19	22	12	22	12	10	18	18	24	20	20	28	33	17	22	15	19	27	15
4	13	20	17	13	20	24	33	18	18	22	23	12	19	5	19	16	10	11	30	34	13	13	34	24	14	17	20	12	33	19	24	6	22	22	24	27	22	17	20	15	26	19	32	15
5	12	23	11	14	26	18	34	16	19	20	16	14	13	7	24	21	17	18	19	26	15	17	21	22	29	25	30	18	28	29	17	18	11	26	17	29	9	19	7	13	17	22	35	14
6	14	25	15	10	18	19	23	20	18	19	13	20	11	19	28	24	17	4	30	38	17	11	22	15	13	21	18	18	39	24	30	20	8	31	30	14	10	15	11	20	17	17	20	4
7	18	14	21	28	17	16	19	22	24	34	20	14	13	18	16	15	23	18	27	34	8	14	11	21	24	22	10	14	36	22	25	20	8	33	27	18	11	14	17	22	10	18	24	23
8	15	19	14	14	26	9	19	26	12	26	14	20	13	11	25	19	31	20	41	34	25	20	5	30	18	14	21	20	30	15	14	23	14	10	14	25	10	22	24	42	15	15	22	17
9	26	14	17	11	23	15	23	17	8	11	10	21	20	5	20	18	23	10	44	12	28	21	19	10	22	16	22	19	34	19	21	31	8	12	13	27	12	11	14	44	13	20	22	5
10	14	10	23	20	17	13	22	16	20	22	14	20	19	23	26	8	7	24	37	14	21	28	23	16	25	13	34	16	24	14	19	26	19	23	22	33	17	12	23	36	19	14	25	24
11	16	13	12	12	15	12	22	17	16	27	18	22	24	16	29	17	15	27	28	19	25	3	17	12	25	17	17	23	27	15	15	20	27	16	16	36	8	15	34	41	15	21	19	38
12	9	10	11	13	14	22	12	14	18	28	10	9	27	10	29	18	10	20	17	20	20	22	17	13	26	14	30	24	16	14	23	22	17	14	16	23	25	17	26	31	10	20	20	30
13	14	25	9	16	22	22	29	16	25	38	24	8	20	6	42	14	11	24	12	13	27	18	15	16	13	21	42	16	25	18	31	15	25	16	19	13	26	23	21	34	15	9	17	35
14	17	19	20	13	14	19	25	19	29	34	13	23	12	13	39	15	13	12	19	17	19	14	26	23	14	10	38	23	37	22	16	28	29	17	18	11	23	24	36	20	14	7	21	27
15	19	18	12	11	12	11	23	20	26	31	26	23	26	13	41	26	15	11	18	10	8	15	13	14	16	9	19	9	36	24	21	30	32	23	16	21	30	30	28	23	17	22	23	23
16	14	11	13	12	9	14	26	20	26	23	28	7	17	16	33	26	10	21	34	15	18	19	12	16	11	14	18	13	24	30	23	24	30	19	28	29	10	26	12	23	16	15	24	14
17	12	12	11	15	19	12	26	17	21	21	15	13	15	16	30	21	10	22	35	24	13	32	29	22	28	24	25	13	27	25	21	25	21	26	22	20	24	20	27	26	17	15	17	9
18	27	14	15	16	20	20	17	22	29	17	17	4	14	12	31	20	7	22	31	21	10	18	22	18	27	23	16	20	26	43	29	30	32	20	28	21	12	27	40	24	36	17	14	16
19	15	26	13	17	12	23	11	19	28	17	11	31	19	16	35	26	37	22	24	24	19	30	25	7	18	31	18	21	33	31	14	26	33	26	12	26	11	38	29	22	27	15	11	14
20	25	13	9	24	20	18	19	27	32	19	16	27	14	22	28	20	31	24	22	32	27	30	13	21	24	20	28	17	24	40	24	31	39	27	17	24	14	34	33	28	22	22	15	16
21	26	9	9	15	9	10	23	25	26	29	13	14	22	13	16	13	17	20	32	28	27	25	8	21	23	12	24	13	24	26	35	20	43	22	25	32	27	21	28	36	22	17	19	24
22	23	10	9	5	6	20	16	30	25	22	21	12	22	15	16	12	30	23	31	32	20	34	10	9	26	12	27	15	14	24	22	14	37	35	24	17	18	17	29	38	22	19	13	30
23	14	15	7	17	9	13	20	17	16	9	12	18	21	16	27	10	38	22	32	38	11	29	16	12	26	26	26	22	16	38	20	18	40	15	20	20	22	24	32	48	22	20	18	11
24	25	20	14	8	13	15	10	12	16	20	18	30	25	27	34	12	28	28	40	30	23	21	11	13	26	24	20	11	23	29	24	14	29	13	4	24	32	18	26	42	24	20	16	22
25	22	28	12	11	20	24	14	21	22	19	25	14	10	29	40	7	31	22	40	15	18	26	21	18	17	17	19	10	12	24	41	15	28	10	18	36	33	29	26	41	28	11	14	21
26	14	24	27	19	21	23	10	16	25	28	19	21	17	16	35	11	27	23	27	16	23	14	28	31	20	27	26	23	21	26	25	11	29	23	24	30	22	33	16	45	29	15	14	26
27	20	24	26	17	28	16	25	14	19	23	18	21	17	23	34	24	22	27	25	17	18	18	27	21	21	22	25	32	18	32	8	18	20	9	20	16	34	21	21	40	31	18	20	31
28	16	29	27	19	25	17	19	17	22	16	21	12	20	23	41	31	27	14	36	14	29	20	28	27	22	26	20	16	16	21	23	14	30	9	26	28	42	14	10	40	29	26	25	30
29	22	35	17	16	30	17	14	29	11	5	26	6	16	31	40	29	28	16	28	17	22	22	31	23	22	20	11	19	19	16	25	33	18	25	34	30	25	18	28	25	11	28	14	29
30	20	26	20	7	27	22	12	25	11	8	19	14	12	32	28	27	33	20	29	12	17	31	34	21	18	26	22	35	6	15	28	22	20	7	29	22	31	16	23	26	14	28	23	27

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TABLE XXXIV. *Range of Temperature on every day in the month of May, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869.

MAY.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	24°	26°	18°	13°	21°	27°	6°	8°	25°	21°	14°	20°	12°	28°	24°	34°	29°	28°	32°	17°	5°	14°
2	29	17	15	20	20	14	14	10	19	17	16	20	21	19	32	31	26	29	25	28	16	29
3	15	21	12	18	17	14	13	26	35	17	14	22	17	27	31	7	25	22	20	22	18	13
4	10	18	24	25	25	27	20	30	19	23	16	20	22	23	29	19	22	21	11	24	20	22
5	14	9	16	12	23	18	5	22	19	17	14	29	23	17	24	11	17	21	29	21	21	32
6	14	16	18	24	27	23	17	20	16	23	22	27	28	26	19	22	13	21	31	18	20	22
7	10	13	18	20	34	22	24	29	29	25	19	18	31	30	18	19	17	30	33	13	23	15
8	32	20	16	17	18	16	20	25	32	18	19	19	38	28	19	18	22	7	25	18	27	12
9	25	14	14	27	11	20	15	19	30	23	18	20	36	16	20	15	28	15	29	26	23	21
10	20	29	16	28	12	18	19	12	34	27	31	19	29	13	22	14	29	14	30	22	30	18
11	24	28	14	16	10	28	18	27	23	14	32	13	36	17	7	31	21	28	12	16	38	25
12	20	25	19	23	18	32	16	31	16	17	37	26	38	17	14	16	9	21	31	16	21	20
13	26	20	30	30	9	26	21	31	19	21	31	23	31	30	18	20	34	24	39	17	23	27
14	26	15	27	30	20	36	15	26	17	15	32	16	14	23	16	25	34	20	32	25	24	19
15	26	23	15	24	23	26	22	30	30	20	32	18	31	25	11	34	21	18	19	15	29	16
16	22	15	19	25	23	36	20	31	23	23	31	32	31	30	18	25	28	12	25	18	17	19
17	24	20	15	26	28	33	14	31	20	35	30	25	30	32	16	23	25	18	27	26	25	24
18	26	14	16	24	28	18	28	25	26	30	23	19	28	14	17	20	29	3	16	17	16	25
19	22	19	17	24	18	15	32	20	31	27	22	19	14	20	12	13	24	14	17	21	14	17
20	25	30	18	27	20	26	22	27	34	13	27	16	10	19	20	17	14	14	23	18	16	25
21	18	32	16	30	18	18	25	31	26	26	27	15	14	30	12	18	15	20	16	14	32	24
22	33	22	13	30	18	19	25	35	20	23	19	15	16	17	28	15	23	15	21	18	25	27
23	15	17	14	26	16	23	25	29	27	20	14	27	12	21	20	29	21	11	27	16	24	30
24	19	20	14	23	13	25	27	32	27	20	22	32	16	28	12	9	25	24	21	16	30	27
25	8	18	19	17	11	28	25	32	25	21	19	20	21	16	21	19	15	21	25	11	22	24
26	14	21	23	23	16	23	15	34	25	20	24	34	24	23	27	22	19	21	17	23	34	39
27	13	16	18	25	17	18	28	32	25	26	31	32	19	30	35	22	17	22	13	19	29	34
28	13	14	13	27	19	20	29	31	31	24	20	21	15	24	28	29	29	21	11	18	26	32
29	6	15	17	18	15	7	26	26	28	23	30	30	18	26	16	18	15	15	14	7	34	32
30	2	15	23	18	15	22	21	29	29	23	23	24	19	20	25	25	27	16	16	25	35	33
31	8	20	19	25	19	21	12	31	32	21	23	14	27	19	36	29	22	13	19	26	35	34

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	24°	17°	23°	26°	23°	28°	15°	20°	17°	19°	20°	20°	28°	22°	29°	35°	20°	23°	10°	19°	17°	19°
2	33	17	33	23	18	17	19	29	27	20	16	14	27	21	20	33	13	31	20	25	24	29
3	39	30	20	22	29	8	25	29	15	26	19	25	28	26	22	31	16	23	20	25	38	16
4	34	30	28	20	24	16	28	21	21	28	20	20	35	22	28	21	12	18	33	22	27	15
5	38	29	22	16	24	20	13	27	18	26	38	26	28	17	27	28	18	24	21	28	24	20
6	40	17	4	16	14	15	17	22	11	22	23	31	29	32	22	34	28	31	19	32	19	13
7	41	19	4	20	32	9	17	19	5	28	35	35	23	16	7	31	23	20	28	31	33	24
8	40	16	12	23	21	24	21	26	8	28	30	23	18	18	22	22	17	24	22	31	40	16
9	40	14	25	19	28	16	26	29	11	31	24	23	29	22	20	35	4	32	30	28	18	11
10	40	9	17	30	12	23	17	19	24	14	30	17	14	14	22	34	16	10	26	32	22	21
11	44	26	15	29	15	25	16	25	28	34	31	20	18	6	19	19	8	16	24	21	18	14
12	39	21	30	30	11	15	28	25	22	29	34	21	17	19	17	8	19	25	26	11	24	22
13	40	22	29	19	9	19	30	12	25	23	29	32	22	26	34	22	29	28	21	7	27	23
14	33	21	18	20	14	21	20	22	18	31	20	26	25	31	15	13	31	10	21	12	24	16
15	42	10	27	35	23	27	23	9	22	35	17	23	18	32	18	19	40	18	20	13	29	19
16	35	18	18	32	27	22	26	12	20	27	19	18	17	33	21	20	42	25	23	13	16	9
17	27	13	23	12	19	31	34	31	22	34	7	10	17	32	35	23	39	27	23	22	27	26
18	41	17	28	23	27	33	16	25	20	32	25	13	27	29	38	27	40	39	34	24	32	11
19	21	16	28	26	29	32	34	21	30	27	25	18	32	34	40	13	33	34	31	22	33	9
20	29	6	23	10	19	28	30	23	31	29	31	14	35	36	29	13	38	27	25	19	29	22
21	15	24	20	21	15	25	17	9	23	20	25	15	32	30	23	18	19	23	20	17	25	22
22	25	21	14	23	14	27	18	33	18	13	22	20	31	27	18	17	29	32	23	15	16	25
23	34	30	31	28	12	24	24	20	24	17	22	28	28	38	19	27	24	32	36	19	14	24
24	35	26	17	24	17	23	22	21	21	30	20	30	30	36	19	32	25	24	23	17	15	17
25	39	22	17	27	12	22	23	36	20	24	25	25	17	22	27	22	29	41	22	25	21	18
26	32	25	15	18	5	28	22	24	22	25	22	24	24	23	24	25	24	30	31	28	23	24
27	33	27	18	23	7	27	22	23	23	28	24	28	17	28	14	34	31	23	41	24	31	16
28	40	8	21	24	11	20	24	11	29	24	26	22	28	16	10	31	26	26	28	23	33	5
29	28	29	27	33	6	25	17	22	19	17	28	29	27	31	19	32	32	21	33	30	26	17
30	33	24	24	29	19	17	29	10	17	19	34	23	24	35	16	22	34	19	27	20	23	25
31	28	34	35	33	26	5	31	17	8	26	33	26	14	22	33	20	27	25	17	30	25	20

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TABLE XXXV. *Range of Temperature on every day in the month of June, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869.

JUNE.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	9°	18°	17°	23°	19°	33°	20°	33°	36°	21°	12°	18°	20°	26°	34°	20°	20°	11°	28°	29°	33°	37°
2	7	18	18	20	20	32	21	16	36	21	16	17	23	20	10	22	32	14	20	31	39	33
3	18	22	11	23	12	29	19	21	29	23	16	28	20	17	12	22	34	20	28	37	40	26
4	21	20	15	22	21	28	11	23	21	16	22	21	32	20	15	26	34	25	39	21	34	27
5	26	15	17	27	23	25	19	30	26	11	21	26	29	26	15	27	32	29	26	13	35	17
6	12	14	16	24	18	13	20	25	28	29	17	38	14	18	22	16	41	23	17	17	36	28
7	12	17	17	22	13	17	11	23	33	30	11	21	24	16	18	11	27	14	21	20	34	21
8	18	31	17	16	11	25	18	15	38	33	20	22	31	20	18	12	34	15	31	27	29	24
9	25	23	13	25	9	22	20	21	27	35	11	22	28	14	18	18	27	14	29	22	26	16
10	25	15	15	23	12	17	21	34	30	34	13	23	15	15	34	30	30	17	36	30	21	18
11	27	26	17	29	14	19	18	21	22	34	25	19	18	11	18	11	35	16	41	28	28	26
12	30	27	8	35	10	19	17	17	18	29	26	14	30	25	14	13	39	9	31	31	35	22
13	29	23	19	32	14	25	20	24	14	24	21	16	22	23	32	28	35	7	33	27	34	10
14	27	22	18	34	7	26	16	30	20	24	31	28	15	9	22	19	35	12	26	29	32	20
15	19	16	15	27	16	24	18	16	18	27	28	27	24	6	21	23	32	23	35	24	31	18
16	14	13	12	15	15	22	16	23	17	18	22	27	27	23	21	31	28	25	38	25	37	15
17	33	24	16	22	13	19	24	28	20	25	25	23	17	21	24	29	22	25	25	21	35	19
18	28	22	17	23	18	11	24	21	9	33	23	18	22	26	21	26	22	15	28	26	34	16
19	30	14	18	27	8	12	25	16	26	16	21	27	19	21	12	24	22	11	20	30	40	25
20	27	15	15	18	21	15	23	18	32	16	19	24	7	24	30	12	20	24	21	24	25	15
21	15	23	15	21	16	16	18	21	33	22	15	28	21	18	24	24	22	22	31	29	25	21
22	26	19	15	11	26	22	16	21	28	25	7	31	25	11	23	27	27	20	38	25	34	29
23	26	...	21	22	18	34	23	17	33	24	17	30	32	11	24	29	16	23	28	22	21	19
24	36	33	22	28	15	20	15	26	17	18	18	31	28	16	20	18	18	18	29	22	19	16
25	31	33	28	21	11	13	21	24	20	17	18	29	23	19	15	16	12	19	18	18	25	22
26	32	26	31	19	22	22	21	15	19	17	24	29	15	23	13	17	21	30	16	25	13	21
27	32	16	26	...	25	18	18	11	26	20	24	28	11	20	17	18	29	27	18	5	23	23
28	34	7	23	20	17	10	30	22	25	29	36	29	26	15	22	12	29	23	27	26	16	22
29	30	16	32	11	27	12	23	19	28	29	34	32	30	21	23	21	30	17	29	21	19	20
30	24	18	26	15	22	16	29	24	28	31	27	34	22	11	17	15	21	18	29	17	27	18

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	11°	30°	36°	28°	18°	9°	17°	19°	13°	...°	35°	23°	22°	19°	36°	31°	25°	18°	32°	32°	30°	24°
2	26	28	36	31	15	14	10	26	32	...	31	19	18	29	27	38	14	18	40	26	25	20
3	25	24	38	35	17	22	16	16	38	...	37	15	16	15	18	37	24	32	37	12	27	23
4	21	24	34	30	27	25	26	19	30	...	33	17	20	22	28	29	34	34	32	21	16	19
5	30	28	23	17	15	30	18	22	22	32	24	20	18	31	15	13	22	28	21	11	23	23
6	27	15	9	24	19	35	12	33	20	34	28	26	18	11	12	19	29	26	25	20	32	33
7	26	21	13	13	13	31	12	24	28	28	28	19	20	19	23	20	26	26	25	17	30	39
8	22	24	28	15	22	26	17	26	20	22	22	23	17	21	25	19	28	34	26	25	24	32
9	14	22	34	8	13	19	18	24	26	23	31	21	11	11	24	21	34	39	34	32	26	30
10	10	18	30	7	17	26	16	32	29	23	29	21	23	22	25	24	38	33	28	30	42	17
11	21	28	34	19	10	27	10	26	37	28	38	17	16	23	23	21	33	28	27	32	27	26
12	10	17	21	13	19	14	21	16	16	30	32	24	12	36	21	18	32	33	16	30	28	21
13	23	23	14	11	17	4	18	23	10	38	27	21	23	27	27	23	24	41	12	12	37	19
14	23	32	13	20	21	23	14	14	28	27	40	20	22	28	22	29	23	40	24	21	37	25
15	24	22	27	16	23	15	10	23	35	32	38	26	17	34	23	20	23	30	31	16	29	19
16	28	22	31	17	18	34	7	19	30	24	44	21	16	28	33	12	28	37	20	20	32	19
17	18	32	33	23	17	26	22	23	32	35	26	25	20	37	23	26	32	38	27	23	36	14
18	16	34	33	16	14	18	25	8	30	27	35	23	32	26	24	26	30	12	14	25	26	25
19	14	17	30	21	20	16	18	25	13	34	35	18	14	37	22	22	35	26	20	16	20	24
20	19	25	34	34	15	24	22	19	27	22	28	15	21	33	22	24	24	40	23	21	38	22
21	25	33	35	32	22	17	21	31	24	24	37	25	23	21	13	22	27	50	29	22	30	9
22	26	30	35	16	17	14	13	26	18	26	40	22	19	27	37	14	20	44	35	30	19	23
23	20	33	32	22	25	26	25	17	22	33	40	18	22	26	35	22	27	36	35	30	24	28
24	17	43	34	28	32	25	25	28	13	27	23	23	23	25	31	23	14	32	26	20	25	29
25	13	26	33	30	17	14	20	16	32	36	33	25	19	27	28	14	19	35	26	27	20	22
26	19	24	31	39	19	14	20	21	32	39	32	26	20	31	26	29	29	25	30	27	33	26
27	13	31	20	39	20	10	16	25	29	35	44	24	15	36	15	28	28	28	31	42	32	29
28	19	28	16	33	12	18	25	26	35	34	37	16	22	24	13	25	19	28	33	20	23	24
29	23	18	13	32	17	21	30	26	35	21	32	20	25	27	22	25	22	12	30	38	35	24
30	30	8	16	32	24	23	19	24	31	27	33	24	21	26	31	29	32	16	33	35	23	11

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TABLE XXXVI. *Range of Temperature on every day in the month of July, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869.

JULY.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	13°	18°	12°	10°	17°	26°	27°	26°	19°	25°	31°	29°	20°	20°	10°	7°	20°	17°	25°	19°	12°	19°
2	35	19	14	17	15	23	19	21	19	29	42	31	23	19	13	9	23	15	16	9	16	13
3	34	16	20	9	17	27	26	25	23	27	37	29	19	21	17	24	20	17	20	32	34	20
4	27	17	17	20	24	29	27	24	26	26	36	26	32	21	16	20	17	25	13	25	31	40
5	31	19	21	20	20	27	27	27	20	23	31	22	32	20	19	18	24	30	20	21	45	34
6	26	31	19	20	10	30	25	17	21	29	33	27	25	23	18	20	32	22	11	21	16	29
7	19	29	19	8	17	28	14	8	21	21	25	29	16	20	20	14	12	15	15	28	23	23
8	21	25	21	19	20	30	13	19	24	26	28	32	16	23	15	12	18	7	24	24	12	29
9	27	30	15	23	14	29	18	28	23	17	24	23	22	21	20	27	23	26	25	18	16	20
10	27	24	20	14	13	23	16	25	24	23	31	30	20	22	17	24	23	14	18	16	28	18
11	21	26	14	15	23	21	22	16	36	23	28	24	21	18	22	27	25	10	22	24	24	27
12	15	37	11	17	23	22	23	11	27	21	26	22	22	22	23	15	26	21	12	16	29	35
13	24	32	14	10	28	23	21	17	22	23	22	27	26	32	21	16	25	11	15	16	29	31
14	20	20	19	19	20	21	18	19	25	29	24	26	18	17	24	16	31	23	23	22	30	34
15	22	27	25	15	20	21	20	30	26	19	23	23	22	24	32	17	28	21	30	25	21	30
16	27	25	20	22	27	19	20	29	32	30	14	27	30	27	33	28	20	22	33	17	15	24
17	29	35	15	8	6	26	29	29	31	33	20	17	17	19	19	26	23	24	21	21	19	14
18	19	27	16	5	15	20	25	24	16	33	25	19	22	17	14	27	24	21	28	28	20	22
19	9	8	18	26	19	16	26	19	9	33	19	21	28	10	17	19	21	24	30	19	22	18
20	13	20	14	13	14	10	26	22	14	30	16	23	26	23	18	8	23	13	33	18	27	18
21	19	15	21	27	20	23	14	24	10	29	21	25	16	16	27	13	18	11	33	16	18	21
22	9	11	18	23	14	23	12	9	20	19	24	27	22	20	20	16	20	13	36	17	22	28
23	5	18	17	23	13	14	22	12	20	27	25	27	18	12	14	11	28	24	28	5	22	30
24	20	13	14	13	23	13	17	27	22	29	22	18	17	18	12	14	35	23	34	8	24	23
25	23	15	18	23	24	24	27	22	29	27	19	21	29	20	16	17	34	25	30	7	31	21
26	26	11	19	10	25	29	29	23	27	27	16	37	19	14	11	19	25	16	19	19	20	30
27	25	18	15	25	21	30	23	29	22	35	28	27	23	8	21	16	20	20	33	19	12	31
28	32	19	21	22	24	29	26	21	13	37	23	22	22	15	16	25	20	15	31	28	30	20
29	31	24	27	23	22	31	29	29	19	37	17	18	28	12	21	17	20	18	22	22	28	34
30	29	18	19	22	20	29	24	32	25	38	20	25	28	7	23	15	13	22	13	19	27	32
31	32	17	21	24	25	30	20	32	14	32	16	21	27	15	15	18	21	22	23	19	25	36

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	25°	22°	24°	19°	20°	24°	15°	16°	27°	24°	27°	17°	27°	23°	28°	35°	28°	24°	27°	39°	21°	14°
2	18	18	19	28	23	22	14	21	36	26	24	19	22	29	27	21	24	32	25	16	25	16
3	15	15	20	14	29	21	16	23	36	15	14	25	26	35	11	28	31	40	20	19	21	18
4	25	24	24	20	37	20	23	25	30	14	28	28	28	20	18	35	35	30	22	20	18	29
5	32	31	30	30	37	19	20	43	31	14	23	31	40	25	22	31	40	23	27	17	33	31
6	29	31	18	24	34	19	26	33	28	22	34	36	21	20	19	31	29	25	33	28	23	20
7	23	34	20	20	31	21	15	24	12	23	30	32	34	25	21	30	29	19	30	34	28	15
8	19	38	29	21	36	20	27	24	14	28	21	30	27	30	27	23	24	24	13	35	32	17
9	16	35	26	14	38	24	23	21	27	31	23	30	22	30	16	31	38	26	25	33	30	27
10	25	38	26	26	34	23	16	23	24	23	15	36	16	35	38	35	21	22	35	38	30	27
11	24	34	26	14	24	26	16	16	17	26	27	33	29	33	30	31	32	23	29	20	28	37
12	33	29	22	17	23	24	14	29	18	37	24	41	25	24	23	36	35	30	34	20	23	34
13	30	33	26	22	22	17	19	24	21	40	21	36	25	26	24	27	34	19	25	20	32	21
14	27	29	20	21	21	12	9	23	21	43	32	24	27	25	24	41	34	27	35	23	29	27
15	30	26	25	20	27	18	25	20	25	33	33	31	24	27	22	38	32	36	30	11	32	31
16	29	30	32	21	30	15	25	27	20	40	32	33	15	30	17	22	27	26	26	13	30	26
17	29	20	26	28	18	22	23	15	26	29	33	35	30	19	20	35	38	31	22	14	27	35
18	29	23	17	18	29	14	20	30	28	29	38	34	25	21	30	21	38	21	34	18	24	34
19	15	29	16	19	21	23	29	18	20	38	37	36	21	17	27	38	30	22	28	13	26	20
20	28	26	13	22	20	16	32	32	14	26	24	26	25	25	26	31	40	24	33	18	32	25
21	20	25	28	22	26	12	37	35	15	19	22	31	23	21	26	17	32	22	32	21	30	26
22	8	13	25	18	34	22	34	36	26	22	14	28	28	29	22	12	26	25	29	21	36	33
23	23	19	33	14	27	23	33	24	30	24	26	28	20	17	25	23	26	29	26	19	23	25
24	22	21	27	7	21	25	28	19	23	23	17	16	20	13	30	27	22	26	17	18	24	35
25	15	19	15	20	16	21	31	24	26	28	27	39	26	10	40	20	23	35	13	23	22	26
26	16	27	15	20	18	12	20	13	30	29	31	22	24	31	37	22	28	37	25	11	24	23
27	17	30	9	15	27	16	16	26	27	17	20	22	22	27	30	34	26	37	16	23	30	25
28	17	16	11	12	18	19	23	22	29	26	29	21	31	35	37	37	29	39	19	31	25	12
29	30	16	20	26	17	15	32	24	29	36	31	20	19	26	29	34	29	32	21	20	14	25
30	13	24	20	20	30	20	26	20	37	16	40	28	28	32	37	35	28	36	23	28	24	12
31	21	23	16	11	27	13	17	24	38	30	39	27	17	23	32	26	34	21	18	29	28	17

TABLE XXXVII. *Range of Temperature on every day in the month of August, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869.

AUGUST.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836
1	23°	29°	19°	26°	19°	16°	14°	22°	19°	34°	23°
2	20	26	16	21	20	15	27	13	25	27	30
3	21	16	16	17	22	17	21	12	22	31	31
4	20	18	17	12	20	20	14	29	14	37	22
5	21	15	22	21	28	25	18	17	15	25	17
6	20	11	14	11	16	22	10	27	19	17	23
7	30	22	14	19	17	27	23	30	7	42	23
8	28	19	17	26	23	26	30	25	24	33	29
9	25	29	12	17	21	26	28	25	25	43	30
10	22	26	16	25	9	25	24	34	30	28	23
11	19	18	14	19	22	28	24	41	29	19	18
12	25	15	13	16	17	30	27	26	31	29	24
13	29	14	8	17	16	29	24	22	29	30	28
14	22	9	11	20	18	29	19	30	18	34	23
15	15	8	23	7	26	26	23	24	13	27	24
16	24	12	19	18	28	20	30	19	21	25	15
17	16	19	17	28	24	27	26	31	23	21	25
18	30	22	20	13	24	19	10	18	22	23	22
19	35	20	28	16	25	16	17	24	15	28	27
20	34	10	21	18	17	15	17	17	22	30	14
21	22	13	17	22	21	18	17	19	25	27	23
22	20	12	16	10	25	18	20	23	26	31	14
23	16	18	23	12	14	32	25	24	31	23	16
24	19	19	18	17	17	17	24	27	27	29	27
25	25	13	19	26	16	30	21	10	24	18	19
26	24	11	30	10	20	17	25	35	29	26	24
27	16	23	22	17	18	17	10	33	30	26	19
28	18	15	21	9	18	23	19	36	13	31	28
29	19	25	16	15	28	21	5	29	15	38	24
30	26	15	17	13	32	13	19	25	17	38	20
31	20	16	6	8	28	25	16	9	17	36	31

Day of the Month	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	12°	18°	26°	27°	17°	19°	26°	26°	16°	32°	46°
2	14	13	29	32	22	29	13	23	16	25	43
3	20	15	28	39	16	21	8	17	16	26	39
4	31	16	28	30	22	24	22	33	16	23	35
5	25	16	25	27	7	17	19	15	20	19	18
6	22	18	16	22	10	19	18	19	23	19	22
7	23	20	19	24	16	25	17	21	22	23	26
8	19	27	27	29	18	31	22	25	16	19	27
9	19	15	22	32	21	31	25	29	16	13	22
10	18	13	20	28	13	33	24	35	15	21	17
11	25	18	12	30	17	14	26	19	17	16	18
12	28	17	22	22	24	23	30	16	14	24	28
13	31	25	18	24	16	21	18	14	16	22	32
14	35	26	18	16	18	29	20	16	10	28	27
15	30	22	22	8	20	40	22	21	18	29	24
16	27	22	23	19	16	32	19	30	13	23	7
17	32	16	21	14	19	22	25	22	26	17	11
18	27	20	18	12	20	30	25	21	19	18	13
19	20	20	16	14	30	12	23	16	16	18	14
20	26	15	16	23	29	16	15	27	21	5	23
21	23	21	27	21	24	22	22	16	29	16	28
22	10	16	22	26	14	25	12	15	23	23	15
23	20	21	28	31	28	29	16	31	20	12	15
24	28	22	25	33	22	15	27	22	28	24	16
25	25	18	31	14	12	14	15	23	23	19	24
26	36	23	19	18	19	24	29	19	25	18	29
27	24	22	25	24	20	17	28	33	20	19	35
28	17	26	19	19	25	16	12	28	19	22	26
29	8	28	15	14	30	19	15	37	27	24	31
30	22	33	19	24	29	14	16	30	25	22	16
31	23	32	12	17	24	14	26	36	21	23	25

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858
1	19°	29°	13°	16°	30°	18°	18°	20°	32°	19°	34°
2	23	19	14	19	32	21	17	26	40	26	30
3	15	28	26	19	16	22	12	22	34	39	31
4	25	29	25	24	26	24	5	19	37	36	23
5	21	30	26	18	27	26	8	22	40	23	35
6	26	36	25	14	14	26	18	18	32	27	44
7	33	23	19	20	22	20	24	19	46	14	42
8	23	31	24	28	21	28	26	18	26	15	41
9	29	25	20	14	24	24	25	23	20	22	27
10	31	21	17	18	22	25	29	27	30	32	29
11	18	24	24	27	15	29	17	24	31	24	35
12	19	17	25	24	8	14	26	23	28	31	38
13	13	18	28	25	22	15	32	31	35	26	35
14	7	18	17	19	20	13	20	16	21	34	24
15	13	20	18	31	23	14	28	29	25	20	22
16	19	22	25	19	9	11	25	34	33	26	38
17	21	31	27	22	17	20	24	38	14	30	27
18	21	29	27	22	22	22	27	26	10	22	28
19	27	22	23	27	17	16	18	20	12	13	23
20	26	20	25	32	7	25	26	8	11	17	25
21	18	20	30	25	16	18	20	22	19	24	12
22	21	13	33	25	21	20	21	24	24	26	19
23	28	16	27	22	19	13	20	25	20	23	34
24	23	24	32	26	20	22	20	18	15	31	22
25	16	25	13	30	19	12	23	24	14	31	31
26	16	24	35	9	20	15	25	35	16	37	25
27	6	15	23	16	21	16	16	28	25	37	19
28	18	15	27	20	19	21	32	27	18	25	26
29	23	7	35	14	19	24	39	33	31	20	20
30	27	16	35	23	27	21	30	32	29	32	30
31	21	22	22	17	25	16	23	37	27	24	25

Day of the Month	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	34°	20°	35°	37°	27°	27°	23°	22°	17°	27°	19°
2	29	19	31	33	29	30	26	21	12	26	22
3	20	22	12	41	28	34	28	29	25	23	16
4	35	24	32	21	25	37	35	26	31	26	19
5	37	19	39	17	20	34	30	31	23	31	20
6	13	21	35	21	16	39	36	15	16	12	18
7	16	28	21	18	19	33	30	25	17	26	24
8	22	12	15	8	20	24	36	25	18	30	9
9	15	17	14	17	34	16	36	32	14	26	21
10	17	17	25	16	22	30	22	29	25	29	22
11	25	27	28	31	29	28	35	23	26	21	22
12	30	16	28	19	33	43	19	15	29	22	29
13	22	18	38	14	29	40	23	19	32	17	24
14	21	25	20	25	18	31	24	16	30	19	19
15	19	16	22	26	27	36	16	22	30	22	27
16	26	15	24	16	21	31	22	20	21	10	22
17	17	22	31	11	24	34	21	29	16	9	22
18	22	13	23	33	19	42	22	39	20	12	26
19	32	11	30	33	20	36	28	25	22	10	19
20	35	18	38	22	17	28	25	22	30	13	24
21	40	19	34	25	24	33	25	24	29	19	34
22	37	15	16	27	26	24	33	24	25	14	28
23	36	21	31	37	18	21	10	21	26	24	23
24	37	7	26	37	21	22	18	16	19	25	30
25	37	11	23	31	22	28	31	24	18	24	26
26	18	20	38	33	10	38	35	23	21	19	30
27	28	24	43	37	21	34	41	22	19	23	34
28	27	19	38	38	33	18	22	23	19	19	36
29	27	19	28	32	26	27	28	8	20	21	14
30	20	19	36	29	22	30	34	19	24	21	26
31	23	20	49	25	21	19	30	33	20	21	29

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TABLE XXXVIII. *Range of Temperature on every day in the month of September, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years 1826–1869.*

SEPTEMBER.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	16°	21°	16°	10°	33°	12°	23°	8°	14°	40°	22°	17°	30°	18°	22°	36°	8°	28°	40°	16°	21°	21°
2	7	13	22	19	19	22	26	26	20	38	29	19	26	16	25	25	23	28	29	17	33	26
3	16	18	16	19	15	30	29	17	16	28	20	9	25	21	23	17	21	25	13	22	33	19
4	23	13	20	20	21	16	27	19	19	23	22	19	38	18	16	14	25	33	18	21	20	29
5	15	21	26	14	18	18	26	21	18	23	17	23	19	17	28	15	27	29	19	10	21	27
6	13	20	12	17	12	24	15	20	23	24	15	26	21	28	26	24	27	31	19	25	32	35
7	11	18	22	18	13	27	17	19	23	31	17	16	20	11	13	13	15	30	22	29	25	23
8	20	13	20	18	24	21	24	13	22	23	21	18	14	10	27	19	11	16	24	34	22	16
9	20	13	14	10	8	9	15	14	19	20	23	22	27	24	9	12	13	24	12	38	26	28
10	28	12	11	18	23	23	21	16	12	20	21	18	34	19	27	20	15	18	29	17	17	32
11	28	17	16	18	18	12	30	23	21	13	12	25	33	14	29	24	14	16	29	7	22	25
12	26	9	14	24	23	17	14	28	20	26	7	19	35	12	31	28	23	24	19	28	27	11
13	20	16	23	19	23	16	23	16	24	26	11	18	23	15	31	20	17	25	22	20	15	13
14	22	15	10	25	24	24	15	23	30	18	16	17	13	16	13	23	19	12	18	32	23	25
15	27	16	27	20	9	22	28	29	31	24	16	22	21	18	18	18	24	22	11	14	27	20
16	25	12	24	16	24	16	14	17	24	23	21	14	26	14	14	25	24	30	12	10	34	10
17	29	18	16	14	16	18	15	24	24	29	15	12	20	16	23	28	23	32	19	9	27	19
18	12	17	26	14	27	27	28	12	24	23	13	22	12	21	22	32	9	22	20	17	31	22
19	16	16	24	12	13	18	26	24	25	15	17	12	11	16	19	30	20	31	23	31	33	12
20	14	17	29	24	24	15	28	19	20	18	26	24	33	18	30	11	23	34	26	10	18	29
21	14	13	22	30	29	24	14	25	25	17	22	26	32	21	12	14	27	25	17	16	16	9
22	28	21	24	21	28	33	20	24	35	18	21	16	28	23	13	18	18	23	12	22	14	23
23	22	20	13	23	21	17	39	17	26	15	9	16	24	29	21	17	9	19	13	24	19	22
24	17	16	15	25	16	20	39	12	29	21	18	24	7	19	12	14	7	21	26	25	15	31
25	16	17	24	25	22	13	38	20	21	25	11	21	16	23	22	15	11	24	30	24	18	14
26	11	17	25	21	27	16	35	21	12	17	17	27	10	24	21	14	13	22	36	25	13	22
27	18	17	10	24	12	20	38	25	21	15	18	13	19	15	16	13	9	18	31	12	17	32
28	19	16	11	26	4	18	35	13	23	20	13	27	21	29	11	8	10	25	36	27	28	26
29	14	13	15	25	13	22	24	30	30	17	16	20	6	30	18	11	13	20	19	14	29	14
30	16	19	16	21	28	14	19	28	28	18	21	17	11	26	13	21	13	13	36	21	24	16

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	24°	11°	26°	18°	30°	12°	33°	23°	28°	28°	25°	23°	34°	41°	19°	21°	21°	18°	21°	21°	27°	32°
2	25	25	21	14	32	18	32	22	26	20	10	11	29	27	28	13	27	37	22	19	34	27
3	29	17	13	16	27	13	41	21	36	22	14	21	27	26	23	21	24	37	17	21	35	25
4	33	18	36	18	24	16	45	24	41	22	22	30	31	20	25	27	22	32	12	20	38	31
5	26	25	29	18	23	18	22	22	34	29	36	22	27	19	30	19	26	32	16	31	35	21
6	25	29	34	14	19	24	35	26	28	26	28	20	10	18	22	15	12	31	14	17	37	13
7	11	22	34	18	14	24	30	30	27	24	21	14	28	24	35	19	14	37	12	22	42	16
8	9	24	24	20	13	16	24	41	34	20	29	14	25	32	26	17	12	30	13	27	13	16
9	13	21	14	26	10	19	26	40	30	19	28	19	19	32	26	20	21	21	15	24	30	18
10	26	19	30	37	10	21	30	34	26	19	17	36	26	40	37	14	19	18	19	32	25	23
11	24	26	32	32	22	32	42	35	25	10	16	34	36	38	37	31	34	18	17	16	30	19
12	27	17	38	36	26	16	38	34	26	26	46	29	38	35	30	23	34	35	13	20	19	14
13	27	15	36	39	21	18	14	19	21	27	39	21	32	19	16	22	18	43	16	28	28	15
14	26	11	19	33	17	30	19	9	32	24	32	19	21	23	23	17	26	37	18	26	14	12
15	32	24	13	28	18	16	18	19	25	19	32	25	18	19	25	15	29	42	22	30	14	14
16	35	18	16	14	17	11	9	14	22	34	26	16	18	14	30	23	15	26	20	30	19	11
17	32	19	30	24	25	16	25	7	19	36	29	25	16	21	48	29	23	35	22	15	14	8
18	32	19	23	19	13	28	20	15	27	27	30	26	23	27	30	24	17	42	23	19	20	16
19	31	24	17	21	10	21	14	21	24	20	14	30	24	31	29	27	24	39	23	19	11	20
20	40	13	13	25	20	21	30	31	19	26	17	22	19	33	17	18	17	38	18	21	17	16
21	31	15	28	16	13	21	38	29	25	29	12	18	23	17	12	22	19	15	19	22	19	26
22	23	16	25	18	22	13	24	34	18	21	24	18	23	14	9	18	25	26	16	21	15	17
23	14	10	20	34	23	20	8	21	21	32	19	19	25	24	32	25	18	25	24	28	20	14
24	14	24	22	19	21	26	24	23	24	22	27	27	18	31	12	17	24	30	19	38	21	17
25	14	32	20	22	22	19	25	30	24	17	30	18	27	22	19	28	30	32	26	31	22	23
26	8	22	16	13	16	15	35	29	18	21	24	17	23	31	18	25	34	37	17	35	20	12
27	12	19	19	13	13	16	37	43	9	21	19	20	19	32	14	23	26	38	25	20	8	16
28	4	17	21	23	12	12	38	16	14	27	12	24	13	13	13	27	27	37	23	19	11	19
29	7	13	20	21	21	20	39	18	18	36	21	21	14	31	16	29	32	22	19	17	18	21
30	13	12	19	16	17	23	39	21	24	26	24	14	26	33	36	30	17	27	15	21	17	23

TABLE XXXIX. *Range of Temperature on every day in the month of October, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869.

OCTOBER.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	23°	8°	17°	17°	10°	17°	18°	22°	28°	9°	13°	21°	8°	27°	12°	21°	18°	17°	25°	15°	24°	13°
2	22	15	28	11	10	23	19	23	35	20	14	26	16	19	15	21	28	15	23	6	9	18
3	18	19	18	10	13	16	18	21	33	18	25	17	22	27	20	12	9	11	20	22	29	11
4	23	21	23	18	27	15	12	24	42	22	27	30	24	16	12	12	19	20	28	18	15	23
5	28	25	15	21	21	18	11	22	31	25	27	13	14	14	14	19	30	25	28	31	13	27
6	26	24	15	21	15	10	28	24	36	22	13	26	7	20	23	20	26	11	23	6	14	11
7	26	21	13	12	21	22	8	20	24	14	11	23	9	19	28	16	17	12	33	18	15	27
8	20	15	15	20	20	13	13	23	7	14	21	30	9	14	30	12	21	12	30	27	17	11
9	16	11	21	24	13	15	24	17	16	10	14	28	9	12	29	15	10	19	10	19	10	9
10	13	13	3	20	20	6	12	31	28	19	14	17	9	20	30	9	20	28	18	20	17	17
11	12	11	21	10	11	8	16	25	24	21	19	26	11	19	13	18	20	12	29	29	24	21
12	7	17	28	9	14	17	16	28	27	19	14	27	5	18	29	15	7	8	14	22	14	20
13	26	23	22	6	22	7	25	21	29	13	10	17	16	28	32	8	20	21	20	29	18	15
14	11	13	20	12	29	10	22	10	25	8	11	27	23	19	34	11	15	25	21	25	11	6
15	17	16	11	21	27	15	17	18	22	12	26	23	9	21	21	9	13	27	17	15	14	16
16	16	16	7	13	27	24	20	11	10	6	12	23	9	25	11	11	7	22	17	25	21	10
17	27	23	18	17	24	16	25	17	16	16	7	18	17	21	10	15	11	12	22	10	18	15
18	10	17	24	14	22	11	19	15	13	25	11	24	12	14	7	15	22	26	23	12	16	13
19	7	15	24	10	21	20	13	17	22	26	28	21	17	26	15	13	34	30	18	10	21	25
20	7	12	19	10	26	10	25	28	12	23	19	23	15	16	28	19	28	30	25	23	22	18
21	20	13	18	12	29	23	19	8	19	23	14	22	10	8	17	24	30	25	16	23	13	16
22	11	10	22	15	17	10	27	14	5	16	22	10	10	5	15	31	10	16	29	13	8	17
23	16	13	15	26	16	16	14	9	23	15	20	14	5	5	13	12	12	14	14	28	27	22
24	11	13	23	20	12	11	10	22	14	18	7	21	24	10	18	25	19	9	6	30	16	18
25	19	14	19	22	16	11	·14	18	15	13	8	24	10	13	23	19	10	19	12	28	12	27
26	23	15	6	19	25	11	17	17	10	25	7	18	22	17	18	9	9	28	16	15	8	22
27	20	18	5	18	16	15	10	12	9	22	18	19	10	12	20	4	14	23	14	14	16	10
28	14	14	17	15	17	13	12	15	9	28	20	15	14	9	16	5	20	16	16	12	8	14
29	8	19	24	23	19	20	10	19	10	29	10	23	18	8	18	5	28	23	10	23	5	24
30	3	16	20	14	13	19	15	29	15	23	17	19	16	10	20	4	19	16	14	20	21	10
31	9	18	11	20	15	12	18	22	11	19	15	19	21	4	21	9	13	8	14	21	5	10

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	24°	12°	21°	16°	10°	27°	26°	24°	22°	15°	21°	14°	22°	27°	20°	12°	17°	23°	11°	24°	10°	17°
2	21	17	15	13	18	20	38	26	17	12	20	23	24	33	17	7	21	21	19	19	21	10
3	18	16	12	12	16	27	29	12	11	18	19	30	24	22	17	5	17	22	19	26	19	28
4	7	10	27	21	12	22	25	21	10	21	29	33	23	34	19	16	23	27	10	27	25	15
5	18	19	33	18	10	12	21	6	21	32	27	21	21	25	21	25	24	34	7	30	17	26
6	25	11	19	21	13	6	11	15	5	34	30	27	24	10	18	24	31	34	12	19	15	21
7	23	15	17	20	16	9	17	20	7	16	25	18	29	22	9	12	26	24	24	23	22	24
8	22	15	29	27	14	19	8	31	9	22	35	28	23	26	15	12	17	27	21	23	20	28
9	16	28	24	15	21	27	27	21	11	15	29	14	19	36	32	7	15	29	14	10	22	30
10	18	25	19	12	17	24	16	19	19	23	22	10	14	17	32	15	16	15	26	29	22	24
11	25	12	17	15	19	16	20	21	8	24	22	13	17	26	20	17	15	16	15	15	30	23
12	18	14	26	14	24	8	29	15	22	24	23	17	28	20	22	21	21	24	18	11	30	18
13	14	10	10	8	15	8	26	21	23	21	20	15	15	21	16	10	21	31	29	15	28	24
14	14	12	15	10	9	18	12	27	12	24	12	15	15	40	21	19	22	14	26	11	23	14
15	11	19	30	12	14	16	10	27	14	8	19	13	8	33	30	18	25	16	26	16	30	9
16	10	18	30	29	12	16	19	20	16	18	12	18	19	34	16	16	15	22	27	19	29	18
17	16	21	26	27	18	18	11	17	13	22	19	15	21	26	15	21	16	29	16	21	27	20
18	7	23	19	7	25	23	14	23	26	5	11	17	11	31	14	25	27	14	9	20	16	19
19	9	23	12	7	25	7	16	24	23	20	5	19	19	32	20	14	25	14	16	26	33	21
20	9	17	20	9	26	19	18	11	24	13	15	20	21	19	15	16	28	16	17	30	22	15
21	24	14	19	10	15	20	12	17	28	10	18	17	26	24	15	19	15	9	17	18	25	21
22	22	18	18	6	9	11	24	20	26	9	26	32	21	20	14	24	13	13	22	16	28	8
23	12	13	10	7	18	13	32	21	12	25	19	19	12	19	15	26	10	18	21	16	24	8
24	13	11	6	10	20	18	23	22	19	16	18	23	17	7	22	16	32	11	19	20	9	21
25	15	10	16	6	10	23	16	10	22	23	19	30	14	17	26	19	13	23	9	28	19	17
26	23	18	25	15	19	20	30	20	27	25	25	15	22	27	21	24	7	23	21	17	19	22
27	13	11	16	22	5	12	25	28	30	26	21	21	22	19	15	16	11	22	20	18	22	15
28	17	24	23	15	10	14	22	13	25	30	16	24	25	21	10	11	18	20	17	25	20	18
29	22	19	25	18	14	19	22	12	8	22	24	27	26	16	18	11	17	25	17	13	18	18
30	24	22	17	13	11	22	29	7	23	26	26	20	28	24	26	17	17	15	13	9	11	20
31	13	20	19	16	17	12	24	10	12	29	20	19	17	19	12	16	17	12	21	16	14	14

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TABLE XL. *Range of Temperature on every day in the month of November, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869.

NOVEMBER.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836
1	14°	13°	14°	18°	19°	6°	18°	21°	12°	19°	20°
2	14	10	13	19	12	5	9	12	16	15	20
3	9	13	20	7	12	16	11	20	25	8	15
4	7	14	22	7	13	20	20	22	17	6	6
5	5	18	19	21	8	18	18	11	5	18	22
6	25	11	8	19	9	18	8	16	10	20	19
7	17	6	13	25	11	12	11	14	16	17	22
8	14	9	12	16	25	12	6	10	17	14	25
9	19	6	17	17	23	21	14	20	9	11	11
10	9	6	10	13	9	27	6	11	22	6	22
11	17	15	10	20	13	5	20	10	10	9	16
12	23	18	16	7	23	7	8	11	17	9	17
13	14	15	26	15	7	20	16	11	22	10	18
14	9	16	10	9	16	13	11	14	14	9	16
15	20	20	7	22	15	9	8	12	13	10	15
16	19	5	8	13	12	16	18	16	12	13	7
17	15	11	7	12	22	9	11	11	11	11	11
18	7	5	18	11	15	9	4	6	18	19	17
19	7	18	12	20	20	14	7	14	13	17	13
20	8	10	7	14	29	20	14	10	10	10	16
21	6	12	11	13	13	5	5	11	11	5	9
22	5	14	25	9	23	7	22	7	5	4	13
23	12	10	11	8	22	11	14	11	11	10	10
24	19	13	18	9	14	13	8	20	10	10	18
25	21	4	15	4	17	5	13	17	4	6	13
26	16	16	12	5	11	10	11	19	15	6	11
27	13	19	11	6	16	15	7	20	23	8	8
28	20	12	10	3	6	8	12	14	12	11	11
29	14	11	13	6	3	13	14	11	8	7	15
30	10	7	13	4	3	6	16	12	23	13	16

Day of the Month	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	19°	16°	3°	10°	7°	23°	18°	10°	23°	18°	29°
2	19	19	7	12	18	22	7	10	30	16	12
3	20	18	7	16	19	16	15	8	34	22	6
4	22	17	13	11	8	11	19	11	20	18	6
5	22	13	20	14	6	14	16	15	27	18	14
6	23	14	6	10	23	11	13	18	15	6	10
7	22	14	4	17	16	10	21	10	8	3	9
8	11	13	9	14	12	8	24	15	20	6	8
9	18	20	8	12	5	7	26	21	20	9	18
10	8	22	6	14	9	9	16	19	19	11	24
11	11	13	17	13	15	8	20	13	7	13	7
12	15	20	12	18	31	10	27	10	26	8	16
13	11	23	8	11	14	5	19	12	18	3	17
14	16	18	10	12	8	10	22	16	15	12	11
15	15	4	10	28	12	2	16	10	12	8	13
16	19	11	8	8	10	8	24	17	14	9	15
17	19	11	6	18	24	15	20	12	16	12	8
18	23	7	14	10	17	19	24	4	14	14	12
19	11	4	17	14	10	10	17	8	12	8	19
20	20	5	26	13	17	15	16	19	19	11	13
21	16	10	12	7	9	15	9	19	22	14	5
22	5	14	18	8	17	9	13	15	23	9	7
23	13	14	16	10	16	8	17	17	16	7	18
24	14	12	14	18	18	10	11	13	20	10	13
25	19	13	10	22	21	9	8	16	15	9	9
26	15	12	15	22	24	16	5	23	5	26	6
27	13	17	15	11	9	7	15	23	8	12	8
28	14	14	11	13	11	13	15	11	12	23	11
29	22	9	10	11	9	14	25	7	18	23	19
30	13	10	10	10	9	23	26	10	16	11	5

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858
1	17°	22°	10°	24°	5°	19°	29°	17°	6°	23°	13°
2	21	21	24	19	12	14	20	13	19	15	22
3	23	13	16	19	12	20	17	13	18	11	21
4	16	18	18	8	16	8	18	13	22	10	18
5	18	20	14	15	15	6	18	18	17	10	21
6	12	19	21	9	13	13	28	18	21	9	17
7	14	17	12	12	6	12	25	12	12	11	12
8	23	7	24	10	6	15	20	12	12	9	18
9	15	16	13	6	13	27	19	32	20	7	15
10	14	27	12	11	11	24	22	22	15	8	22
11	12	25	10	19	8	23	14	14	11	24	20
12	11	20	30	17	5	12	19	8	14	28	18
13	22	16	23	11	4	8	25	11	9	23	13
14	24	19	27	9	8	15	16	22	17	14	7
15	25	13	15	22	9	4	23	25	20	15	10
16	17	19	23	16	11	21	20	15	25	14	8
17	11	21	12	8	14	28	10	10	23	18	12
18	16	9	10	15	14	20	8	8	20	14	16
19	26	21	14	12	19	24	12	9	13	14	19
20	15	8	7	19	10	13	10	7	17	10	19
21	21	14	19	12	9	25	18	7	9	14	16
22	12	13	11	10	8	13	17	10	11	25	26
23	13	15	14	13	9	9	19	16	8	15	19
24	15	13	13	16	14	12	12	8	14	24	17
25	21	15	21	23	27	13	14	13	12	12	15
26	12	20	11	8	8	7	11	12	11	12	21
27	10	15	18	16	10	3	10	10	26	9	12
28	9	12	11	13	23	8	17	11	16	16	15
29	7	14	8	17	5	11	14	12	21	13	11
30	9	20	6	19	17	5	19	19	21	10	7

Day of the Month	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	15°	25°	23°	6°	18°	12°	16°	12°	25°	12°	13°
2	17	24	19	18	15	19	25	15	28	18	15
3	22	28	32	13	18	24	30	16	19	5	17
4	18	15	21	18	12	32	20	16	12	19	21
5	19	11	25	8	18	26	9	12	15	19	15
6	12	13	11	15	23	18	13	20	24	17	19
7	21	21	32	9	14	28	4	10	28	28	15
8	22	20	33	20	9	23	12	15	26	24	20
9	20	19	25	11	22	22	10	19	12	18	19
10	24	7	16	11	25	26	19	17	14	13	20
11	22	16	30	10	13	15	12	20	8	7	18
12	25	11	18	23	20	16	14	14	8	10	19
13	23	8	9	17	18	14	26	22	24	10	13
14	9	9	16	16	13	20	6	19	16	10	10
15	29	23	30	8	12	9	23	19	17	16	17
16	16	18	19	16	9	15	23	17	11	12	12
17	23	11	10	19	12	11	13	27	18	10	10
18	24	10	20	11	12	20	14	22	4	4	23
19	28	24	17	8	18	13	12	15	23	9	23
20	17	23	20	8	16	16	13	26	7	18	18
21	27	20	10	10	20	14	15	24	16	26	21
22	22	28	19	15	21	27	10	13	13	14	10
23	10	8	24	14	14	11	8	13	16	14	8
24	12	12	29	15	12	16	9	15	13	14	9
25	9	9	9	10	27	17	12	14	6	8	13
26	16	10	18	7	9	19	14	13	11	12	14
27	15	11	27	25	15	22	8	14	30	7	4
28	18	13	23	14	23	17	7	23	22	4	20
29	19	7	8	14	19	13	13	25	32	18	5
30	13	17	16	17	22	15	13	20	8	5	19

TABLE XLI. *Range of Temperature on every day in the month of December, as deduced from the observations taken on that day at the Gardens of the Royal Horticultural Society at Chiswick in the years* 1826–1869.

DECEMBER.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	12°	11°	18°	8°	4°	4°	13°	11°	13°	11°	13°	23°	13°	12°	18°	11	8°	11°	9°	11°	6°	16°
2	9	6	12	5	4	5	14	10	19	19	14	13	12	9	21	7	13	21	8	16	7	22
3	17	9	9	4	5	3	6	7	4	10	6	17	14	12	21	11	11	4	6	10	20	11
4	10	5	11	5	4	14	13	9	21	13	4	10	16	8	16	9	13	4	8	10	13	10
5	8	11	12	11	10	8	9	11	32	18	9	2	13	19	7	8	13	8	21	11	11	22
6	5	10	7	11	5	8	9	8	17	17	7	6	18	5	17	12	4	16	16	19	11	13
7	12	19	9	13	4	8	11	21	12	5	13	5	15	14	8	11	6	13	14	28	9	22
8	5	16	14	7	3	4	3	14	13	6	11	11	18	4	7	11	6	28	6	25	8	15
9	16	20	10	1	7	11	5	8	13	18	11	10	10	5	19	6	7	10	4	19	10	6
10	7	10	5	14	13	7	2	9	18	15	13	6	14	8	9	19	1	13	4	24	20	6
11	12	13	13	4	18	9	12	11	17	15	14	9	10	7	5	10	5	22	8	17	25	14
12	6	4	16	7	12	13	17	10	13	12	15	15	6	8	6	5	7	12	7	20	10	15
13	11	9	15	22	13	9	11	17	13	15	15	17	9	13	13	12	19	17	7	11	19	18
14	12	9	12	6	11	13	21	7	6	6	16	15	14	9	9	10	15	20	4	9	17	10
15	7	8	5	7	7	12	25	5	4	5	14	16	17	13	8	13	18	15	6	12	17	12
16	8	11	8	8	14	13	19	11	8	8	13	18	7	14	7	19	7	16	8	9	14	7
17	6	16	4	13	7	8	19	13	7	10	20	6	4	13	15	12	15	24	9	9	6	9
18	6	4	9	7	9	13	14	10	14	13	8	11	7	7	5	19	12	5	4	14	10	8
19	4	9	7	4	14	14	14	10	4	5	10	13	16	7	2	21	10	5	7	13	3	5
20	4	10	6	11	13	13	11	14	6	2	6	14	15	9	2	19	6	8	10	15	6	10
21	7	5	7	12	14	17	16	12	10	8	9	7	8	7	6	9	7	8	7	11	24	4
22	14	8	9	8	18	17	10	11	16	19	13	9	12	8	9	4	9	10	8	10	23	5
23	6	14	11	6	7	20	12	12	16	11	15	7	4	9	13	19	10	8	6	13	5	7
24	9	17	11	5	16	12	10	10	9	11	9	7	2	12	10	8	25	9	3	19	9	5
25	13	16	16	7	15	12	18	17	11	10	5	17	6	15	13	22	22	17	4	14	15	6
26	5	6	18	5	8	18	17	13	12	15	6	8	11	26	6	15	5	5	9	13	16	10
27	4	20	12	19	4	12	15	16	12	16	5	5	17	8	4	11	17	4	8	13	15	7
28	9	7	13	8	3	10	9	17	15	11	8	6	15	14	9	7	16	7	8	30	17	5
29	4	8	8	6	12	10	6	5	7	8	8	6	11	19	17	6	6	8	11	24	13	7
30	6	9	9	5	25	11	8	13	5	20	5	13	9	23	16	11	9	3	10	14	17	8
31	6	11	15	5	14	16	10	14	10	4	4	11	14	18	10	7	24	10	12	17	7	7

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	14°	19°	7°	7°	23°	16°	21°	13°	20°	28°	12°	13°	9°	28°	12°	16°	26°	14°	5°	17	5°	19°
2	16	10	10	14	13	21	12	13	16	15	15	12	10	30	12	19	24	13	25	13	8	7
3	15	9	22	6	13	5	9	14	13	12	18	16	6	27	12	19	9	14	15	14	10	14
4	15	10	15	8	3	8	12	11	13	25	8	24	12	29	13	16	11	15	6	21	6	11
5	14	28	23	8	6	12	19	14	15	26	20	24	13	27	4	14	18	10	12	18	10	9
6	17	18	13	5	11	9	14	14	11	17	14	22	11	11	6	16	15	7	12	11	12	4
7	5	8	20	11	6	6	19	15	7	15	9	17	9	26	10	9	14	5	9	9	9	6
8	9	14	4	19	7	14	12	16	8	12	3	21	11	16	11	10	11	5	20	10	13	7
9	24	19	9	18	16	17	15	13	9	8	6	9	20	23	15	10	22	6	24	20	10	4
10	31	4	14	5	5	11	15	8	9	22	5	14	23	25	19	15	22	9	19	20	7	15
11	16	7	10	24	9	5	20	10	10	17	3	8	13	19	15	7	15	17	14	15	18	17
12	8	6	20	8	14	7	15	15	15	11	8	11	11	10	18	20	15	8	12	16	14	12
13	24	5	14	7	11	8	15	21	10	6	7	17	12	20	12	22	11	20	16	11	12	13
14	12	17	18	5	13	13	9	24	11	7	7	9	9	14	18	11	19	21	11	12	5	17
15	12	15	19	4	10	11	12	13	16	5	6	20	12	13	10	11	6	15	14	4	13	21
16	4	12	16	4	25	16	16	18	19	11	5	23	13	11	12	18	3	6	12	6	17	18
17	15	13	17	12	5	14	12	8	23	9	7	15	23	14	14	8	20	10	19	12	12	11
18	15	10	18	11	18	8	14	19	16	14	15	22	25	10	21	13	19	8	13	22	13	16
19	8	13	8	9	9	7	14	12	16	25	12	24	20	15	7	16	10	13	30	27	28	16
20	19	11	21	7	12	3	14	15	4	22	17	24	12	7	9	17	7	15	14	14	9	15
21	11	6	18	11	17	3	22	15	5	8	10	21	6	4	9	13	11	13	14	24	12	9
22	17	9	19	11	11	8	7	20	7	6	8	18	14	9	7	12	8	8	10	31	17	10
23	12	13	13	16	13	12	21	13	12	14	14	17	23	12	13	26	10	5	9	19	17	11
24	14	12	8	7	8	14	19	16	24	11	16	19	20	15	6	10	5	7	6	28	15	14
25	14	10	18	16	11	17	21	15	16	25	11	9	27	28	18	8	5	16	9	11	15	11
26	11	8	11	26	10	17	14	6	11	10	12	10	15	15	5	13	4	14	16	4	14	15
27	10	12	20	11	12	13	16	16	14	14	7	20	10	15	17	15	16	18	9	9	11	20
28	5	6	18	11	28	16	20	19	14	12	8	13	32	9	10	17	11	13	15	13	15	27
29	14	20	14	4	7	17	12	11	19	14	19	10	26	9	8	10	8	9	15	9	24	20
30	11	10	10	19	8	15	15	22	12	16	12	11	12	12	14	8	7	13	15	10	13	5
31	10	11	3	8	8	14	12	17	5	19	2	10	12	10	12	10	11	7	16	10	20	7

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Gardens of the Royal Horticultural Society at

857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
28°	12°	13°	9°	28°	12°	16°	26°	14°	5°	17	5°	19°
15	15	12	10	30	12	19	24	13	25	13	8	7
12	18	16	6	27	12	19	9	14	15	14	10	14
25	8	24	12	29	13	16	11	15	6	21	6	11
26	20	24	13	27	4	14	18	10	12	18	10	9
17	14	22	11	11	6	16	15	7	12	11	12	4
15	9	17	9	26	10	9	14	5	9	9	9	6
12	3	21	11	16	11	10	11	5	20	10	13	7
8	6	9	20	23	15	10	22	6	24	20	10	4
22	5	14	23	25	19	15	22	9	19	20	7	15
17	3	8	13	19	15	7	15	17	14	15	18	17
11	8	11	11	10	18	20	15	8	12	16	14	12
6	7	17	12	20	12	22	11	20	16	11	12	13
7	7	9	9	14	18	11	19	21	11	12	5	17
5	6	20	12	13	10	11	6	15	14	4	13	21
11	5	23	13	11	12	18	3	6	12	6	17	18
9	7	15	23	14	14	8	20	10	19	12	12	11
14	15	22	25	10	21	13	19	8	13	22	13	16
25	12	24	20	15	7	16	10	13	30	27	28	16
22	17	24	12	7	9	17	7	15	14	14	9	15
8	10	21	6	4	9	13	11	13	14	24	12	9
6	8	18	14	9	7	12	8	8	10	31	17	10
4	14	17	23	12	13	26	10	5	9	19	17	11
1	16	19	20	15	6	10	5	7	6	28	15	14
25	11	9	27	28	18	8	5	16	9	11	15	11
0	12	10	15	15	5	13	4	14	16	4	14	15
4	7	20	10	15	17	15	16	18	9	9	11	20
2	8	13	32	9	10	17	11	13	15	13	15	27
4	19	10	26	9	8	10	8	9	15	9	24	20
6	12	11	12	12	14	8	7	13	15	10	13	5
9	2	10	12	10	12	10	11	7	16	10	20	7

In January,	from	8°·3	in 1830	to	19°·4	in	1858
„ February,	„	9·7	„ 1843	„	21·2	„	1857
„ March,	„	13·5	„ 1839	„	22·6	„	1854
„ April,	„	14·8	„ 1829	„	30·6	„	1865
„ May,	„	17·6	„ 1828	„	34·3	„	1848
„ June,	„	16·4	„ 1830	„	33·1	„	1858
„ July,	„	17·6	„ 1829	„	30·4	„	1864
„ August,	„	17·0	„ 1829	„	30·5	„	1864
„ September,	„	16·1	„ 1827	„	31·2	„	1865
„ October,	„	13·6	„ 1838	„	24·1	„	1861
„ November,	„	11·0	„ 1835	„	20·3	„	1861
„ December,	„	8·1	„ 1844	„	16·5	„	1861.

Mean daily ranges, differing so greatly in each month, may well be attended with different agricultural and horticultural results.

The numbers in the bottom line show the average daily range in each month; and by taking the difference between these numbers and those in each year, the departure from the average will be found.

The gradual increasing numbers, from January 12°·2 to July 23°·5, and the gradual decrease month by month to December 12°·2, the same as January, indicates the annual law of daily range of temperature.

By taking the mean of all the daily ranges on the same day of the year from all the years, or the means of the numbers in every horizontal line in Tables XXX. to XLI. Table XLIV. was formed.

By selecting the least and greatest of these mean values in each month we find that the mean daily range of temperature has varied

In January,	from	9°·7	on the	11th day	to	15°·0	on the	29th
„ February,	„	12·4	„	2nd	„	16·4	„	17th
„ March,	„	13·6	„	2nd	„	20·4	„	31st
„ April,	„	18·4	„	9th and 12th	„	23·5	„	20th
„ May,	„	20·9	„	1st	„	24·6	„	17th
„ June,	„	21·2	„	7th	„	25·3	„	23rd
„ July,	„	20·9	„	24th	„	26·8	„	5th
„ August,	„	20·9	„	6th	„	24·7	„	4th
„ September,	„	19·7	„	16th and 28th	„	24·7	„	12th
„ October,	„	15·5	„	31st	„	21·1	„	5th and 6th
„ November,	„	13·0	„	23rd	„	16·9	„	3rd
„ December,	„	10·8	„	21st	„	14·1	„	25th.

The smallest range in the year is therefore on January 15, and the largest is on July 5.

By taking the mean of all the numbers in each column the mean monthly daily range is shown; these are the same as in the bottom line of Table XLIII., and these agreements are a proof of the general accuracy of the work.

TABLE XLII.

Showing the Greatest and Least Ranges of Temperature in every Month, as Deduced from the Observations taken at the Gardens of the Royal Horticultural Society, Chiswick, 1826–1869.

Year	January		February		March		April		May		June		July		August		September		October		November		December	
	Greatest	Least	Greatest	Least	Greatest	Least	Greatest	Least	Greatest	Least	Greatest	Least	Greatest	Least	Greatest	Least	Greatest	Least	Greatest	Least	Greatest	Least	Greatest	Least
1826	18°	2°	23°	2°	28°	7°	27°	9°	33°	2°	36°	7°	35°	5°	35°	15°	29°	7°	28°	3°	25°	5°	17°	4°
1827	20	4	23	4	24	7	35	9	32	9	33	7	37	8	29	8	21	9	25	8	20	4	20	4
1828	22	1	20	4	27	6	27	7	30	12	32	8	27	11	30	6	29	10	28	3	26	7	18	4
1829	22	2	23	4	27	4	28	5	30	12	35	11	27	5	28	7	30	10	26	6	25	3	22	1
1830	22	3	24	4	39	3	30	3	34	9	27	7	28	6	32	9	33	4	29	10	29	3	25	3
1831	19	2	29	3	25	4	26	9	36	7	34	10	31	10	32	13	33	9	24	6	27	5	20	3
1832	22	4	23	3	25	6	34	10	32	5	30	11	29	12	30	5	39	14	28	8	22	4	25	2
1833	15	2	20	7	25	3	30	12	35	8	34	11	32	8	41	9	30	8	31	8	22	6	21	5
1834	18	4	28	3	27	7	32	6	35	16	38	9	36	9	31	7	35	12	42	5	25	4	32	4
1835	22	5	24	8	33	10	38	5	35	13	35	11	38	17	43	17	40	13	29	6	20	4	20	2
1836	19	5	28	2	32	5	28	10	37	14	36	7	42	14	31	14	29	7	28	7	25	6	20	4
1837	23	4	23	5	25	5	31	4	34	13	38	14	37	17	36	8	27	9	30	10	23	5	23	2
1838	22	3	27	4	32	6	27	9	38	10	32	7	32	16	33	13	38	6	24	5	23	4	18	2
1839	21	4	25	4	20	5	32	3	32	13	26	6	32	7	31	12	30	10	28	4	26	3	26	4
1840	26	5	25	3	34	5	42	16	36	7	34	10	33	10	39	8	31	9	34	7	28	7	21	2
1841	22	3	27	3	36	6	31	7	34	7	31	11	28	7	30	7	36	8	31	4	31	5	22	4
1842	21	2	24	5	28	4	38	7	34	9	41	12	35	12	40	12	27	7	34	7	23	2	25	1
1843	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1844	28	6	26	7	34	5	44	12	39	11	41	16	36	11	37	14	40	11	33	6	23	4	21	3
1845	28	3	35	6	33	8	39	10	28	7	37	5	32	5	29	10	38	7	31	6	34	5	30	9
1846	19	5	24	7	31	9	29	8	38	5	40	13	45	12	32	5	34	13	29	5	26	3	25	3
1847	23	3	34	5	35	7	34	3	39	12	37	10	40	13	46	7	35	9	27	6	29	5	22	4
1848	22	2	23	4	36	6	42	5	44	15	30	10	33	8	33	6	40	4	25	7	26	7	31	4
1849	25	2	29	4	29	3	31	7	34	6	43	8	38	13	36	7	32	10	28	10	27	7	28	4
1850	30	3	32	2	33	9	29	11	35	4	38	9	33	9	35	13	38	13	33	6	30	6	23	3
1851	21	3	25	4	21	3	31	9	35	10	39	7	30	7	32	9	39	13	29	6	24	6	26	4
1852	24	7	21	8	40	9	42	10	32	5	32	10	38	16	32	7	32	10	26	5	27	4	28	3
1853	23	5	18	4	29	6	35	9	33	5	35	4	26	12	29	11	32	11	27	6	28	3	21	3
1854	24	1	27	6	37	9	41	6	34	13	30	7	37	9	39	5	45	8	38	8	29	8	22	7
1855	22	6	27	5	28	3	43	12	36	9	33	8	43	13	38	8	43	7	31	6	32	7	24	6
1856	22	4	25	3	40	4	41	8	31	5	38	10	38	12	46	10	41	9	30	5	26	6	24	4
1857	24	6	31	11	31	9	33	6	35	13	39	21	43	14	39	13	36	10	34	5	28	7	28	5
1858	31	9	22	4	38	5	43	8	38	7	44	22	40	14	44	12	46	10	35	5	26	7	20	2
1859	17	3	27	9	28	7	35	7	35	10	26	15	41	16	40	13	36	11	33	10	29	9	24	8
1860	30	8	31	9	29	8	34	4	35	14	32	11	40	15	28	7	38	10	29	8	28	7	32	6
1861	31	4	26	6	33	6	36	11	38	6	37	11	35	10	49	12	41	13	40	7	33	8	30	4
1862	25	5	29	2	35	5	42	8	40	7	37	12	40	11	41	8	48	9	32	9	25	6	21	4
1863	27	5	38	7	33	14	38	11	35	8	38	12	41	12	34	10	31	13	26	5	27	9	26	7
1864	24	3	22	5	35	10	40	7	42	4	38	14	40	21	43	16	34	12	32	7	32	9	26	3
1865	24	7	32	6	28	10	48	13	41	10	50	12	40	19	41	10	43	15	34	9	30	4	21	5
1866	22	7	26	8	27	10	36	10	41	10	40	12	35	13	39	8	26	12	29	7	27	10	30	5
1867	32	5	26	6	35	4	28	7	32	7	42	11	39	11	32	12	38	15	30	9	32	4	31	4
1868	19	3	24	5	30	7	35	11	40	14	42	16	36	14	31	9	42	8	33	9	28	4	28	5
1869	20	4	23	4	25	5	38	4	29	5	39	9	37	12	36	9	32	8	30	8	23	4	27	4

TABLE XLIII.

Showing the Mean Range of Temperature of every Month, as deduced from the Observations taken at the Gardens of the Royal Horticultural Society, Chiswick, 1826–1869.

Year	January	February	March	April	May	June	July	August	September	October	November	December
1826	9°9	11°5	15°7	17°7	18°8	24°1	22°9	22°7	18·8	16·4	13·6	8·4
1827	11·2	13·1	14·1	18·1	19·4	20·2	21·4	17·4	16·1	16·1	11·9	10·7
1828	9·9	11·2	16·1	15·3	17·6	18·3	17·9	17·5	18·8	17·5	13·6	10·7
1829	9·5	11·0	14·4	14·8	23·1	22·6	17·6	17·0	19·7	16·1	12·4	8·2
1830	8·3	12·2	17·2	17·2	18·8	16·4	19·1	20·9	19·6	19·0	14·7	10·1
1831	8·8	13·3	14·4	17·2	22·6	20·5	24·1	22·2	19·5	14·6	12·3	11·1
1832	10·4	12·6	15·7	20·5	20·0	19·8	22·1	20·2	24·8	17·0	12·0	12·2
1833	8·7	12·1	14·2	19·2	26·5	21·8	22·5	24·4	20·1	19·4	13·8	11·5
1834	10·0	15·4	17·0	20·3	25·5	25·2	21·9	21·8	22·6	20·0	13·7	12·2
1835	13·2	14·4	17·5	22·2	21·7	24·4	27·6	29·2	22·3	18·5	11·0	11·5
1836	11·6	13·7	14·8	17·4	23·6	20·7	24·7	23·1	17·6	15·9	15·1	10·3
1837	10·0	13·9	13·7	17·0	22·1	25·3	25·0	23·2	19·3	21·4	16·3	10·7
1838	10·5	12·6	18·5	17·5	23·3	22·3	22·8	20·4	21·8	13·6	13·6	11·5
1839	12·9	14·5	13·5	15·6	22·8	18·2	18·6	21·5	19·4	16·0	11·4	11·5
1840	12·9	11·8	16·9	29·2	20·9	20·3	18·8	23·0	20·2	19·7	13·6	10·6
1841	11·5	9·8	20·8	19·1	20·9	20·6	17·9	19·9	19·3	14·1	14·1	11·7
1842	9·5	13·8	14·6	20·5	22·4	27·5	23·0	22·5	17·0	18·0	11·9	11·2
1843	10·6	9·7	16·9	18·7	18·7	18·9	18·9	20·5	24·0	18·7	17·5	11·6
1844	14·9	16·2	17·5	30·2	22·8	27·5	23·7	23·7	22·7	19·5	13·7	8·1
1845	13·7	16·8	17·0	23·4	19·1	24·1	19·3	19·5	20·6	19·6	17·5	15·5
1846	12·4	15·3	20·9	19·1	24·3	29·3	23·5	20·7	23·3	15·5	12·3	13·0
1847	10·4	13·9	20·6	20·5	24·2	21·5	25·9	24·3	21·7	16·6	12·3	10·4
1848	11·3	13·4	17·8	21·6	34·3	20·4	22·7	20·8	22·2	16·9	16·0	13·6
1849	11·3	15·7	15·5	18·3	20·6	25·3	25·7	22·2	19·2	16·7	16·7	11·8
1850	11·7	15·4	21·5	20·6	20·1	27·2	21·9	24·5	23·6	19·8	15·6	14·5
1851	11·8	15·6	13·5	19·0	23·4	23·4	19·5	21·5	22·2	14·5	14·3	10·7
1852	15·5	15·2	20·7	23·1	18·1	18·5	26·3	20·0	19·0	15·5	11·4	11·7
1853	11·5	11·0	18·7	18·0	21·7	20·7	19·3	19·7	19·2	17·0	14·4	11·5
1854	11·7	15·4	22·6	25·4	22·7	18·1	22·7	22·4	28·5	21·4	17·5	15·1
1855	11·8	15·0	17·8	23·8	21·7	22·6	24·3	24·8	25·0	18·7	13·9	14·7
1856	12·7	13·4	16·7	22·9	20·0	26·2	25·3	25·6	24·8	17·6	16·0	12·9
1857	13·7	21·2	18·2	20·7	25·4	29·3	26·8	26·0	24·3	20·3	14·6	14·7
1858	19·4	14·5	19·8	24·6	25·0	33·1	27·0	28·8	24·1	20·9	16·0	10·2
1859	10·9	17·5	15·0	19·4	22·5	21·2	28·9	26·4	21·8	20·2	18·9	16·2
1860	15·6	18·5	17·6	20·5	24·5	19·5	24·7	18·5	23·7	20·2	15·7	15·2
1861	14·9	15·8	19·7	23·4	25·7	26·0	25·3	29·1	26·2	24·1	20·3	16·5
1862	16·3	11·9	16·4	20·3	22·8	24·1	26·3	26·1	24·6	18·8	13·5	11·9
1863	13·5	18·9	20·1	22·7	24·5	23·4	29·3	23·3	22·0	16·5	16·6	13·8
1864	15·2	13·5	19·3	23·0	25·4	26·5	30·4	30·5	22·9	19·1	18·3	12·7
1865	14·5	14·2	18·0	30·6	25·2	30·6	27·9	27·2	31·2	20·7	14·1	11·4
1866	12·8	16·0	16·7	19·5	25·1	27·4	25·5	23·3	18·5	18·0	17·6	14·1
1867	15·7	14·7	14·6	17·9	22·1	24·4	22·4	22·4	23·7	19·7	16·9	14·8
1868	11·1	15·3	16·1	20·1	24·9	28·3	26·6	20·7	22·4	21·6	13·4	13·0
1869	11·6	13·5	14·3	20·8	18·3	23·3	24·6	23·7	18·5	18·9	15·3	12·9
Means	12·2	14·2	17·1	20·6	22·6	23·4	23·5	22·8	21·7	18·2	14·7	12·2

TABLE XLIV.

Showing the Mean Range of Temperature of every day in the year, as determined from all the Thermometrical observations taken at the Gardens of the Royal Horticultural Society at Chiswick, 1826–1869.

Days of the Month	January	February	March	April	May	June	July	August	September	October	November	December
1	12°0	12°5	14°0	19°0	20°9	23°8	21°5	23°8	22°9	18°1	16°2	13°6
2	12·9	12·4	13·6	18·7	22·2	23·5	21·5	23·7	23·3	19·3	16·6	13·5
3	13·5	14·5	17·0	20·4	21·8	24·0	22·9	23·0	22·2	18·8	16·9	11·6
4	11·3	12·7	17·0	19·7	22·6	24·5	24·8	24·7	24·1	21·1	15·5	11·8
5	12·2	12·8	17·4	19·5	21·5	22·7	26·8	22·9	23·0	21·1	15·7	14·0
6	11·9	13·5	16·2	18·9	21·8	22·6	24·7	20·9	22·4	19·2	15·4	11·6
7	12·7	13·1	17·4	19·6	22·5	21·2	22·1	23·4	21·6	18·8	14·8	11·7
8	11·8	12·7	16·6	19·8	22·0	23·3	23·1	23·6	20·7	19·9	15·5	11·1
9	10·6	13·1	18·0	18·4	22·3	22·3	24·4	23·2	20·2	18·5	16·2	12·3
10	10·6	13·9	18·0	20·3	21·6	23·8	24·5	23·5	22·9	18·6	15·4	12·6
11	9·7	14·3	16·5	20·0	21·6	24·0	24·2	23·3	23·9	18·3	14·4	12·7
12	11·3	14·7	18·3	18·4	22·0	22·2	24·3	23·6	24·7	18·7	16·1	11·6
13	11·8	14·4	16·0	20·5	24·5	22·4	23·8	23·6	22·0	18·8	15·1	13·6
14	11·7	14·8	15·3	20·5	22·0	23·8	24·4	21·2	20·9	17·7	13·8	12·1
15	12·5	15·2	16·9	20·3	23·3	23·2	25·4	22·2	21·8	18·0	15·1	11·5
16	11·8	16·0	16·3	19·2	23·1	23·3	25·2	21·6	19·7	17·6	14·5	12·1
17	11·7	16·4	16·2	20·3	24·6	25·0	24·0	22·5	21·9	18·4	14·2	12·2
18	12·4	14·1	16·7	21·5	24·2	22·8	23·7	22·1	22·1	17·1	13·7	12·5
19	12·5	14·2	17·1	21·9	23·1	21·8	22·1	21·2	21·3	19·2	15·0	12·2
20	11·5	14·7	16·3	23·5	22·9	22·7	22·3	21·0	22·3	19·0	14·5	11·3
21	11·3	15·1	16·5	21·4	21·3	23·9	22·3	22·8	20·9	18·1	13·8	10·8
22	12·2	14·0	15·8	20·6	21·9	24·0	21·9	21·2	21·0	16·7	14·1	11·7
23	12·2	15·6	17·1	21·0	23·2	25·3	21·6	22·7	20·7	16·3	13·0	12·4
24	12·3	14·2	18·0	21·2	22·9	23·8	20·9	23·0	21·1	16·6	14·1	11·9
25	12·3	15·0	17·4	21·8	22·1	22·4	23·2	21·6	22·3	17·1	13·4	14·1
26	13·1	13·9	18·9	22·7	23·6	24·2	22·4	23·9	21·2	18·7	13·1	11·5
27	12·6	13·5	19·2	22·3	24·2	23·8	23·0	23·8	19·9	16·6	13·7	12·5
28	14·3	15·4	17·7	23·1	22·3	23·4	23·8	22·7	19·7	16·8	13·7	13·1
29	15·0	16·1	20·0	22·3	22·4	24·4	24·4	22·7	20·1	17·9	13·4	11·6
30	12·9		18·8	21·5	22·9	23·6	24·5	24·5	21·2	17·6	13·2	11·8
31	13·0		20·4		23·6		23·5	23·0		15·5		10·9
Means	12·2	14·2	17·1	20·6	22·6	23·4	23·5	22·8	21·7	18·2	14·7	12·2

ON THE

FALL OF RAIN

DAILY, MONTHLY, AND YEARLY

AT THE

ROYAL HORTICULTURAL GARDENS

CHISWICK

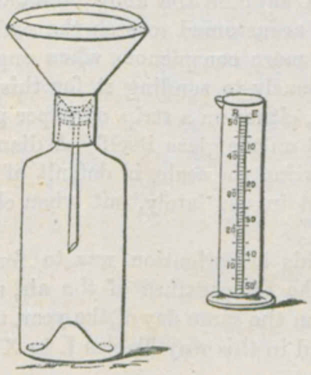
FROM THE BEGINNING OF THE YEAR 1826

TO THE END OF THE YEAR 1869

THE

FALL OF RAIN.

In the Meteorological Journal of the Royal Horticultural Society, the rainfall on every day that any fell, has been carefully recorded. The rain-gauge with which the observations were at first made, is stated to have been constructed according to Mr. Howard's directions in his work upon the Climate of London (see vol. vii. of the 'Transactions of the Society,' page 100), and the following description is extracted from that work:—



HOWARD'S RAIN-GAUGE.

'The rain-gauge consists of three pieces, a funnel, a bottle, and the measure. The funnel is most conveniently made of five inches opening, and of the form represented in the figure: the mouth-piece of brass, turned in a lathe, the remainder of tinned copper. It has two necks: the inner and longer one, widening a little downwards, enters deep into the bottle, and conveys the rain: the outer neck is soldered on the cone of

the funnel, having no opening into the latter: it serves the necessary purpose of preventing the entrance of water from the outside; and by resting on the shoulder of the bottle, it gives steadiness to the funnel.

'As to the bottle, a common wine-quart will contain from two to two and a half inches of rain on this funnel: but it is better to use a three-pint bottle (technically termed a Winchester-quart), which has the proportions given in the figure. For an unusual fall of rain may happen, when a previous quantity has not been measured out; and it is on such occasions that we would wish, more especially, to be certain of the amount.

'A cylindrical glass of the depth of eight inches, exclusive of its foot, and $1\frac{1}{3}$ inch in diameter, serves to make the measure. It is graduated into parts, each of which is equal in capacity to the depth of $\frac{1}{100}$ of an inch on the area of the mouth of the funnel. A glass of the above size will measure out fifty such parts, or half an inch at once. The graduation is conducted on the principle (which is a medium between calculation and experiment) that a cylinder of water at a mean temperature, an inch deep, and five inches in diameter, weighs 10 ounces troy. The hundredth part of this, or 48 grains, is accordingly taken for the graduating quantity, and the scale is formed by successive additions, at each of which the surface is marked. Considering the nature of this operation, which scarcely admits of our going to fractions of a grain, I suppose the above standard to be sufficiently correct. I have been accustomed to etch the scale on the glass with fluoric acid, but it is more conspicuous when engraved at the glass-cutter's wheel. Previously to sending it for this purpose, the whole scale should be traced, either on a strip of paper pasted on before it is divided, or in oil paint on the glass itself. A diamond, or steel point, may be used for engraving the scale, in default of other means.'

This gauge was not in use lately, but when changed I cannot find any record.

The first step in this investigation was to form Tables precisely similar to those for the temperature of the air, showing at a glance the daily falls of rain on the same day of the year, throughout the series of forty-four years, and in this way Tables I. to XII. were formed.

at the Gardens of the

Day of the Month	850	1851	1852	1853	1854	18	1867	1868	1869	Sums
1	...	·02	...	·03	...	·(	...	...	·04	1·75
2	...	...	·02	·18	...	·(	...	...	·02	1·01
3	·02	·56	·10	...	...	·	...	...	·12	2·50
4	...	·02	...	·12	·86	·	...	...	·08	2·33
5	...	...	...	·01	·03	·	·54	...	·08	2·46
6	...	...	...	·16	·08	·	...	...	·44	2·05
7	...	·02	·06	·34	·33	·	·46	...	...	2·74
8	...	·08	...	...	...	·	·01	...	...	0·86
9	...	·07	...	·01	·06	·(	·29	...	...	2·17
10	...	·21	·08	·06	·02	·	...	...	...	1·85
11	...	·02	·07	·02	...	·	...	·23	...	4·50
12	...	·01	·62	·24	·02	·	...	·04	...	4·80
13	...	...	·24	...	·08	·	...	·08	...	2·86
14	...	...	·16	·04	·10		...	·08	·08	2·61
15	...	...	·26	·12	...		...	...	·08	1·80
16	...	·20	·07	·28	·01	·	...	...	·08	2·23
17	...	·48	...	...	·01		...	·01	...	1·40
18	·55	...	...	·08	...		...	·56	...	2·96
19	·02	...	...	·05	...		...	·06	...	3·72
20	...	·48	·03	·17	·01		...	...	...	2·79
21	...	·09	·26	·06	...		...	·07	...	2·77
22	...	...	·01	...	...		·12	·02	...	1·87
23	...	...	·01	...	...		·01	...	...	1·50
24	·01	...	·10	...	·02		...	·44	...	2·84
25	·14	...	·06	...	·06	·	...	...	...	2·57
26	·12	·02	...	...	...		·14	...	...	2·34
27	...	·02	·28	·04	·03		·02	·04	...	2·42
28	·11	·12	...	...	·10		...	...	·52	2·07
29	·08	·20	·04	...	·10		...	·01	·26	1·80
30	...	·38	·11	·13	...		·47	...	·12	3·40
31	·38	·07	·14	...	...		·10	...	·06	2·91
Sums	·43	3·07	2·72	2·14	1·92	0·	2·16	1·64	1·98	75·88

TABLE I.

Showing the Fall of Rain on every day in January during the years 1826–1869 at the Gardens of the Royal Horticultural Society at Chiswick.

JANUARY.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Sums
1	0·10	...	·70	...	...	...	...	·06	...	...	...	...	·01	...	...	...	...	...	·43	...	...	...	·22	...	...	·02	...	·03	...	·02	...	...	...	·03	·08	...	·01	...	...	...	...	...	...	·04	1·75
2	...	...	·21	...	...	...	...	·08	·04	...	·06	...	·02	...	·02	·15	...	...	...	...	...	...	·01	...	...	...	·02	·18	...	·01	·01	...	·01	...	·04	...	...	·04	...	·02	·07	...	...	·02	1·01
3	...	...	...	·21	·25	...	...	...	·03	...	·02	·30	·04	·04	·06	...	...	...	·24	...	·06	·14	...	...	·02	·56	·10	...	...	...	·04	·03	...	·01	·07	...	...	·16	...	...	...	...	...	·12	2·50
4	...	...	·35	·02	...	...	...	...	...	...	...	...	...	·01	·17	...	...	·12	·05	·02	·04	·04	...	·14	...	·02	...	·12	·86	...	·07	·03	...	...	·03	...	...	·08	...	...	·08	...	...	·08	2·33
5	·06	...	...	...	·04	...	·01	...	...	...	...	·03	...	...	...	...	...	...	·40	·08	...	·05	·08	·01	...	...	...	·01	·03	...	·11	·06	...	...	·11	...	...	·46	...	·26	·04	·54	...	·08	2·46
6	·03	·20	...	...	...	...	...	...	·20	...	...	·11	...	·33	...	...	·01	·01	...	...	·02	·02	...	...	...	...	...	·16	·08	...	·12	...	...	·02	...	...	...	·26	...	...	·04	...	...	·44	2·05
7	...	...	...	...	...	...	·13	...	·06	...	...	...	...	·10	...	...	...	·14	...	...	...	·01	·21	·31	...	·02	·06	·34	·33	...	...	...	·02	...	·02	...	·16	·01	...	...	·36	·46	...	...	2·74
8	...	...	...	·03	...	...	...	...	·26	...	...	...	...	...	...	...	...	...	·01	...	...	...	·02	·11	...	·08	...	...	...	...	·02	·11	·02	...	·02	...	·14	...	...	·01	·02	·01	...	...	0·86
9	...	...	...	...	...	...	·14	...	·20	·02	...	·05	...	...	...	...	...	·09	·08	...	...	...	...	·08	...	·07	...	·01	·06	·02	·23	·71	·04	...	...	...	·08	...	...	...	...	·29	...	...	2·17
10	...	·33	...	...	...	·01	·05	...	·10	...	...	...	...	...	...	·40	...	·06	·01	·04	·01	...	...	·06	...	·21	·08	·06	·02	...	...	·27	·08	...	...	...	·02	·04	...	...	...	...	...	...	1·85
11	...	·05	·50	...	...	...	·29	...	·14	...	·83	...	...	·06	...	·02	·10	·16	...	·77	·01	·04	...	·02	...	·02	·07	·02	...	...	...	·07	·01	...	...	...	·04	...	...	·05	1·00	...	·23	...	4·50
12	...	·08	·32	...	...	...	·36	·05	·09	...	...	·14	...	...	...	...	...	·29	·76	·16	...	...	·01	·07	...	·01	·62	·24	·02	...	...	...	...	...	...	...	...	·40	...	·79	·35	...	·04	...	4·80
13	...	...	·20	...	...	...	·04	·04	·07	...	·01	·12	...	·01	...	·29	·28	·04	·03	·04	...	...	·08	·05	...	...	·24	...	·08	...	...	...	...	...	...	...	·12	·08	·02	·62	·32	...	·08	...	2·86
14	...	·05	·21	...	...	...	...	...	·09	·01	·27	...	...	·09	·01	·80	...	·16	·01	·12	...	...	·06	·08	...	...	·16	·04	·10	...	...	...	...	...	...	...	·03	...	...	·02	·14	...	·08	·08	2·61
15	...	...	·54	...	...	...	...	...	·10	·08	·01	...	...	...	·06	·15	·02	...	...	·02	...	...	...	...	...	...	·26	·12	...	...	...	·10	...	...	·24	...	...	...	...	...	·02	...	...	·08	1·80
16	...	·04	·34	...	...	·05	...	...	·31	·17	...	·06	...	...	·15	·16	·02	...	...	...	·04	...	·04	·02	...	·20	·07	·28	·01	·01	·01	...	·01	...	...	...	...	...	...	...	·16	...	...	·08	2·23
17	...	...	·10	...	...	...	...	...	·11	...	...	...	...	...	·02	·02	...	·03	...	...	·01	...	·23	·05	...	·48	...	...	·01	...	·02	...	...	·06	...	...	...	·19	...	...	·06	...	·01	...	1·40
18	...	...	·06	...	...	·13	...	·02	·02	·08	...	·01	...	...	·14	·24	...	...	...	·45	·24	...	...	...	·55	...	...	·08	...	...	·08	...	...	·02	·09	...	...	...	·09	...	·10	...	·56	...	2·96
19	...	...	...	...	...	·01	...	...	·06	·36	...	·06	...	·13	·37	·02	...	·01	...	·88	·44	...	...	...	·02	...	...	·05	...	...	·10	·02	...	...	·11	·66	...	·04	·20	...	·12	...	·06	...	3·72
20	...	...	...	...	·65	·27	...	...	...	...	...	...	...	·16	·20	...	...	·04	...	·03	·14	...	...	...	...	·48	·03	·17	·01	...	·06	·17	...	...	·32	...	...	...	·06	...	...	...	...	...	2·79
21	·03	...	...	...	...	·11	...	...	·01	...	·01	·10	...	·34	·09	...	...	...	...	...	·33	·48	...	·16	...	·09	·26	·06	...	...	·36	...	...	...	·16	...	·06	·02	·02	...	·01	...	·07	...	2·77
22	...	...	...	...	·16	·10	...	...	·57	...	·03	·14	...	...	·04	·10	...	·02	...	...	·02	·01	...	...	...	...	·01	...	...	...	·04	·13	...	·01	...	·02	·05	...	...	...	·28	·12	·02	...	1·87
23	·05	...	...	...	·03	·12	...	...	·01	...	...	·05	...	...	...	...	·12	·05	...	·03	·27	·02	...	...	...	...	·01	...	...	...	·12	·04	...	·22	·08	...	·09	·04	·14	...	...	·01	...	...	1·50
24	...	...	...	...	...	·02	·11	...	·04	...	...	·51	...	...	·49	·02	·12	·02	...	...	·24	·23	...	...	·01	...	·10	...	·02	...	·13	·17	...	...	·12	·02	·03	...	...	...	...	...	·44	...	2·84
25	...	...	...	...	...	...	·01	...	·06	...	...	·90	...	...	·05	·01	·10	...	·01	·07	·59	·02	...	·04	·14	...	·06	...	·06	·04	...	·05	...	·08	·04	·02	·22	...	...	...	...	...	...	...	2·57
26	...	...	...	·04	...	...	·03	...	·05	...	...	·18	...	...	·34	...	·14	...	...	·11	·08	·02	...	·01	·12	·02	...	...	...	...	·14	·13	...	...	·14	·04	...	·07	·04	·50	...	·14	...	...	2·34
27	...	...	...	...	·21	·20	...	...	·07	...	·02	·01	...	...	·02	...	...	...	·02	·04	·02	·21	...	·43	...	·02	·28	·04	·03	...	·02	...	...	...	...	·01	...	...	...	·71	...	·02	·04	...	2·42
28	...	...	...	...	·09	...	·15	·12	·06	...	·05	·02	...	...	·17	...	...	·02	·02	·11	·06	·02	...	·02	·11	·12	...	...	·10	...	·08	...	...	...	·09	·02	·06	...	...	...	·06	...	...	·52	2·07
29	...	...	...	...	...	...	...	·01	...	...	·32	·20	...	...	...	·02	·03	...	...	...	·23	...	·06	·01	·08	·20	·04	...	·10	...	...	...	·02	·08	·03	·02	·08	...	...	...	...	...	·01	·26	1·80
30	...	...	...	...	·11	...	...	...	·12	...	·06	·01	·20	...	·02	·08	...	...	·03	...	...	...	·02	·04	...	·38	·11	·13	...	...	...	...	·20	·06	·39	·01	·32	·14	...	·27	·11	·47	...	·12	3·40
31	...	...	·18	...	...	...	...	·14	...	...	·32	·03	...	...	·06	·12	·12	·07	·15	...	...	...	·12	·02	·38	·07	·14	...	...	...	...	...	...	·02	...	...	·02	·16	...	·25	·38	·10	...	·06	2·91
Sums	0·27	0·75	3·71	0·30	1·54	1·02	1·32	0·52	2·87	0·72	2·01	3·03	0·27	1·27	2·48	2·30	1·06	1·33	2·25	2·97	2·85	1·31	1·16	1·73	1·43	3·07	2·72	2·14	1·92	0·10	1·76	2·09	0·41	0·61	2·18	0·82	1·53	2·19	0·57	3·50	3·72	2·16	1·64	1·98	75·88

TABLE II.

Showing the Fall of Rain on every day in February during the years 1826–1869 at the Gardens of the Royal Horticultural Society at Chiswick.

FEBRUARY.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837
1	...	·01	...	...	...	...	...	·18	...	...	·01	...
2	...	...	...	...	...	·75	...	·20	...	...	·48	...
3	·08	...	...	...	...	·35	·01	·06	...	...	·34	...
4	...	...	...	·18	...	·05	·01	...	...	...	·10	...
5	·16	...	...	...	...	...	...	·02	·10	...	...	...
6	·06	...	·04	·02	...	·25	·05	·06	...	...	·01	...
7	...	...	·28	·05	·06	...	...	·03	...	...	·03	...
8	...	...	...	·01	·51	·05	·02	·67	...	...	·01	·09
9	...	...	·06	...	·02	...	...	·16	...	...	...	...
10	...	...	...	·04	...	...	·10	·28	·03	...	·10	·20
11	...	...	·14	...	...	·02	·01	·16	·07	·18	...	·34
12	·03	...	...	...	...	·02	·02	·26	·07	·28	...	·16
13	...	...	...	·03	...	·01	...	·08	...	·01	...	·08
14	·16	...	·08	...	...	...	...	·50	...	·03	...	·02
15	·04	...	...	·01	...	·06	...	...	...	...	...	...
16	...	...	...	...	...	·05	·01	...	...	...	...	...
17	·15	...	...	...	...	·01	...	·14	...	·04	·02	·02
18	·10	...	·18	...	...	·01	...	...	...	·01	...	·19
19	·28	...	...	...	...	·20	...	·16	...	·50	...	·64
20	·12	...	·02	·21	...	...	...	·32	·03	·51	...	·06
21	·08	...	·03	·05	·12	·01	...	...	...	·01	...	·09
22	·07	...	...	...	·18	·02	...	·02	...	·29	...	·04
23	·18	...	·04	...	·09	·02	...	...	...	...	...	·08
24	·20	...	·02	...	...	·01	...	·12	·01	...	...	...
25	...	...	...	·03	...	·05	...	·10	...	·24	...	...
26	...	·04	·05	·38	·33	·07	...	·18	...	·25	·46	...
27	...	·40	...	·06	...	·26	...	·08	·01	·04	·01	...
28	...	·34	...	...	...	...	...	·20	·05	·22	·04	...
29	...	...	...	...	...	...	...	...	...	...	...	...
Sums	1·71	0·79	0·94	1·07	1·31	2·27	0·23	3·98	0·37	2·61	1·61	2·01

Day of the Month	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849
1	...	...	·20	...	...	·16	...	...	·52	...	·13	·02
2	...	...	·09	...	·02	...	·32	...	...	·02	...	·04
3	...	·42	·18	...	...	·20	...	·10	·01	...	·01	·01
4	...	·12	·30	...	...	·16	·18	...	·31	...	·03	...
5	...	·39	·02	...	...	·08	...	...	...	·02	·23	...
6	...	...	·02	...	·06	·09	·02	...	...	·02	·01	...
7	·10	·01	·03	...	·11	·26	·29	...	·08	...	·25	...
8	·14	...	·02	...	·06	·02	·02	...	·04	...	·26	·06
9	·30	·06	...	...	...	·11	·06	...	...	·40	·01	...
10	...	...	·13	·04	...	...	...	...	...	...	·52	...
11	...	...	...	·04	·14	...	·01	...	...	...	...	...
12	...	·04	·02	·04	...	·01	...	...	...	...	...	...
13	...	...	...	·01	·04	...	...	·30	...	·26	...	...
14	...	...	...	...	...	...	...	...	...	·12	·04	...
15	...	·14	·18	·15	...	...	·02	·01	...	·25	·03	...
16	...	...	...	·11	...	...	...	...	...	·23	...	...
17	·32	...	·06	·01	...	·16	...	...	...	...	...	...
18	...	·30	...	·04	...	·04	·05	...	...	·01	·16	...
19	...	...	...	·02	·02	·28	·02	...	...	...	·02	...
20	...	·14	...	·11	...	·16	...	...	...	·01	·10	·28
21	·03	·20	...	...	·16	·12	·14	...	·01	...	·08	·06
22	...	·24	...	...	...	·02	·03	·10	·21	...	...	·01
23	·33	·03	...	...	·11	...	·44	·16	·07	...	...	...
24	·29	·04	...	·01	·11	...	·10	...	·16	...	·14	·28
25	·02	·06	...	·07	·07	·26	·10	·26	...	...	·16	·92
26	·32	...	...	·04	·04	·03	·26	...	·01	...	·48	...
27	·11	...	...	·07	·05	·19	...	...	·05	...	·22	...
28	·26	...	...	...	·33	...	·08	...	...	...	·01	·84
29	...	...	...	...	...	...	·13	...	...	...	·23	...
Sums	2·22	2·19	1·25	0·76	1·32	2·35	2·27	0·93	1·47	1·34	3·12	2·52

Day of the Month	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861
1	·02	·04	·04	...	·42	...	...	...	...	...	...	...
2	·01	·10	·04	...	...	·32	...	...	...	...	...	...
3	...	·06	...	...	...	·05	...	...	·30	...	·06	...
4	...	...	·13	·17	·10	·02	·01	...	·28	·15	...	...
5	·16	·14	·23	...	...	·01	·02	·14	...	·22	·26	·01
6	...	...	·01	...	...	·02	·02	·01	...	·02	...	·01
7	...	·19	·02	·01	...	...	·06	...	...	...	·02	·04
8	...	...	·38	...	...	...	...	·02	...	·10	·06	·02
9	·10	...	·05	·02	...	...	...	·06	...	·14	...	·08
10	...	...	·02	·06	·04	...	...	·01	...	·09	...	...
11	·11	·02	...	...	...	...	·20	...	·02	·04	...	...
12	·04	...	...	...	...	...	·05	...	·03	·22	...	...
13	...	·06	...	...	...	...	·20	...	·37	·08	...	·07
14	·16	...	...	...	·06	...	·02	...	·48	·02	...	·12
15	·14	...	...	...	...	...	...	...	...	·06	·30	·01
16	...	...	·04	...	...	...	...	...	...	...	·01	·04
17	...	...	·03	...	...	...	...	...	...	·01	·01	...
18	...	...	...	...	·08	...	·01	...	...	...	...	·01
19	·01	...	...	...	...	...	...	...	...	·02	...	...
20	·20	·26	...	...	·02	...	...	·01	...	·04	...	·10
21	...	...	·01	...	...	...	...	...	...	...	...	·17
22	...	...	...	·08	·06	...	·01	...	...	·02	...	·08
23	...	...	...	·02	...	...	...	·03	...	...	...	·44
24	...	·02	...	·09	...	·60	...	...	...	...	...	·07
25	...	...	...	·05	...	·10	...	·03	...	...	·01	·01
26	...	...	·01	·09	...	·04	·01	...	...	·06	·40	...
27	...	·01	·03	...	...	·06	...	...	...	...	·07	·12
28	...	...	·01	...	...	·13	·01	...	...	...	...	·01
29	...	...	·01	...	...	...	...	...	...	...	...	...
Sums	0·95	0·90	1·06	0·59	0·78	1·35	0·62	0·31	1·48	1·29	1·20	1·41

Day of the Month	1862	1863	1864	1865	1866	1867	1868	1869	Sums
1	...	...	...	...	·37	...	·02	·16	2·30
2	...	·08	...	·06	·06	...	·26	...	2·85
3	...	·01	·02	...	·25	·01	...	·10	2·63
4	...	·03	...	...	·35	·08	...	·10	2·86
5	...	...	...	·12	·02	·14	...	...	2·49
6	...	...	...	·04	...	·04	...	...	0·88
7	...	·06	...	·09	·10	·22	·01	...	2·40
8	...	...	...	...	·14	·02	...	·02	2·74
9	...	...	...	...	·48	·06	...	·04	2·21
10	...	...	...	...	·06	·21	...	·02	1·95
11	...	·02	·20	...	·50	·02	...	·52	2·76
12	...	...	·18	...	...	...	...	·26	1·73
13	...	...	...	...	...	...	...	...	1·60
14	...	...	...	...	·18	...	...	...	1·99
15	...	...	·05	...	·35	·10	·06	...	1·96
16	·06	...	·04	...	·24	·38	...	...	1·21
17	·14	...	·03	·44	·12	...	...	·20	1·91
18	·02	·01	...	·06	...	...	...	...	1·28
19	·09	·04	...	·02	...	...	...	...	2·32
20	·06	...	...	...	...	...	...	·18	2·94
21	...	·01	...	·12	...	...	·12	·18	1·80
22	·01	...	...	·02	·02	...	...	...	1·53
23	...	...	...	·10	...	...	...	...	2·14
24	...	...	·14	·38	·01	...	...	·08	2·88
25	...	...	...	·01	·08	·01	...	...	2·64
26	...	...	...	·16	·43	·04	...	...	4·18
27	...	...	·02	...	·04	...	...	...	1·90
28	...	...	...	·01	...	...	...	·12	2·66
29	...	...	·08	...	...	...	·48	...	0·93
Sums	0·38	0·26	0·76	1·63	3·80	1·33	0·95	1·98	63·67

TABLE III.

Showing the Fall of Rain on every day in March during the years 1826–1869 at the Gardens of the Royal Horticultural Society at Chiswick.

MARCH.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841
1	...	·62	...	...	...	·02	·03	...	...	·15	·22	...	·11	...	...	·10
2	·45	...	...	...	...	·12	...	...	...	...	·02	...	·08	...	...	·30
3	·20	·05	...	...	...	·22	·06	...	...	...	·12	...	·22	...	...	·02
4	...	·02	...	...	...	·06	·23	...	...	...	·04	...	·02	...	...	·08
5	...	...	...	...	...	...	...	...	·10	·08	·21	...	·06	...	...	·22
6	·23	·25	...	...	...	·04	·26	...	·01	·17	·04	...	...	·06	...	...
7	·06	·04	·10	...	...	...	·10	...	·04	·09	·01	...	...	...	...	...
8	...	...	...	·02	...	·12	·02	...	...	...	·15	...	·02	...	...	...
9	...	...	...	...	·09	·02	...	...	...	·18	·09	...	...	...	...	...
10	...	·21	...	...	...	·05	...	...	...	·05	·07	·09	...	...	...	...
11	...	·20	...	...	...	·04	...	·01	...	·16	·07	...	...	...	·01	...
12	...	·02	...	...	...	·04	...	...	·03	·22	·14	·09	...	...	...	...
13	...	·25	...	...	...	·25	·01	...	...	·18	·14	...	·04	·03	...	...
14	·21	...	...	...	...	·20	·36	...	...	·32	·47	...	...	·39	...	...
15	...	·05	...	...	·07	·04	·02	...	...	·06	·01	·01	...	·29	·11	...
16	...	·25	...	...	...	·02	·17	...	...	...	·05	·01	·18	·10	...	...
17	...	·04	...	...	...	...	·05	·36	...	·21	·01	...	·02	...	...	·01
18	·06	...	...	...	...	...	·06	·03	...	...	...	...	...	...	...	...
19	...	·01	...	...	·02	...	·02	...	...	...	...	...	...	...	...	·01
20	...	...	·06	...	...	...	...	...	...	...	...	·10	·02	·09	...	·13
21	...	...	·09	...	...	...	...	...	...	·08	...	·04	·02	·07	...	·12
22	...	...	·03	...	...	...	...	·18	·01	...	·02	·01	·01	...	·01	·02
23	·33	...	...	...	...	...	·07	...	...	·01	·08	·01	·01	·07	·03	...
24	·08	...	...	...	...	·05	·04	·04	...	...	·11	...	·05	...	·01	...
25	...	...	...	...	...	·50	...	·34	...	...	·07	·02	...	·03	·01	...
26	...	...	·12	...	...	·12	...	...	...	...	·02	·06	...	·05	...	·02
27	...	...	·14	...	...	...	...	...	·04	...	·37	·10	...	·14	...	·08
28	...	·34	·02	·68	...	...	...	...	·10	...	·34	...	...	·20	...	...
29	...	...	·03	...	...	...	...	...	·03	...	·12	...	...	...	...	·10
30	...	·15	...	...	...	...	...	...	·50	...	·28	...	...	...	...	·08
31	...	...	...	·05	...	...	...	·26	...	·01	·03	...	...	·16	·10	·03
Sums	1·62	2·50	0·59	0·75	0·18	1·91	1·50	1·22	0·86	1·97	3·30	0·54	0·86	1·68	0·28	1·32

Day of the Month	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856
1	·02	...	·04	...	...	...	·11	...	...	...	·05	·27	...	·09	...
2	·41	...	·04	·10	...	...	·11	...	...	...	...	·10	...	·23	·01
3	·01	...	·20	·28	...	...	·03	...	·02	...	...	...	...	·06	...
4	...	...	·48	...	·12	...	·04	...	...	...	...	·02	...	...	...
5	...	...	...	...	·27	...	·40	...	...	·10	...	·12	...	...	...
6	...	...	...	...	·02	...	...	...	...	...	...	·02	...	...	·01
7	·02	...	...	...	...	·01	...	·06	...	...	...	·11	...	...	...
8	·17	...	...	...	...	·01	·02	·02	...	...	...	·03	...	...	...
9	·47	...	...	...	...	...	·01	·01	...	·06	...	...	...	...	...
10	·01	...	·69	·02	...	...	·29	...	...	·05	·01	...	·01	...	...
11	...	...	·20	...	...	·05	·20	...	...	...	...	...	...	·33	...
12	·06	...	·09	...	...	·01	·07	...	...	·23	...	...	...	·24	...
13	...	·06	...	...	·03	...	·18	...	...	...	...	·36	...	...	...
14	·02	...	·48	...	...	...	...	...	...	·70	...	·18	·02	·01	...
15	...	·06	·04	...	·03	...	·06	...	...	·37	...	...	·01	·21	...
16	...	...	...	...	·12	...	·26	...	...	...	·01	...	·01	...	·68
17	·05	...	...	·03	...	...	·15	...	...	·30	...	...	...	·09	·02
18	...	...	...	...	...	...	...	·01	...	·10	...	...	·19	·02	·24
19	...	...	...	...	...	...	·15	...	...	·33	...	...	·15	·01	...
20	·10	·04	·04	...	·10	...	·36	...	...	...	...	...	·01	...	·01
21	·08	·21	...	·08	·09	...	·08	...	...	·02	...	·01	...	·02	...
22	·08	·02	·05	·08	·09	...	·02	...	...	·44	...	...	...	·13	...
23	·03	...	...	·60	·03	...	...	...	·01	·13	...	·01	...	...	...
24	...	...	·03	...	...	...	...	...	·01	·02	...	·06	...	...	...
25	·07	...	·06	·03	·10	...	...	·01	...	·14	...	...	...	...	...
26	·01	...	...	...	·02	...	·05	...	·01	·17	...	...	·02	...	...
27	·02	...	...	...	...	...	·24	·14	...	·02	...	...	...	...	...
28	...	...	...	·01	·07	·32	·21	...	...	...	...	...	...	·29	...
29	...	...	...	...	...	...	...	·14	...	·33	·16	...	...	·02	...
30	·05	...	...	·02	...	·01	·01	·16	...	·06	·02	...	...	...	...
31	·13	·08	...	...	...	...	...	·30	·08	...	...	·19	...	...	...
Sums	1·81	0·47	2·44	1·25	1·09	0·41	3·05	0·85	0·13	3·57	0·25	1·48	0·42	1·75	0·97

Day of the Month	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Sums
1	...	...	...	...	·19	...	...	...	·10	...	...	·07	·12	2·31
2	...	...	...	·08	·04	...	...	...	·04	...	...	·02	·08	2·23
3	...	·21	...	·14	·01	...	...	·54	...	...	·01	·02	...	2·42
4	...	...	...	·30	...	...	...	...	·10	...	...	...	...	1·51
5	...	...	...	...	...	·10	...	·47	·08	...	...	...	...	2·21
6	...	...	...	·14	·05	·09	·08	·06	·02	·10	...	...	...	1·65
7	...	...	·06	·02	...	...	·22	·20	·06	·02	...	·22	...	1·44
8	·11	...	·02	·02	...	·02	...	·18	·02	·03	·08	...	...	1·06
9	·03	...	...	...	...	·15	...	·40	...	...	·46	...	...	1·97
10	...	...	...	...	·10	·24	·04	·06	·09	...	·03	...	...	2·11
11	·01	...	·05	·08	·14	·04	...	·08	·05	...	·04	·14	...	1·90
12	...	·17	·01	·12	·08	·06	·04	...	...	...	·06	·01	...	1·79
13	·12	·12	·14	...	...	·02	...	...	...	...	·40	...	...	2·33
14	·10	·06	·15	...	·02	...	·16	·02	·01	...	...	·01	...	3·89
15	...	·01	...	·03	...	...	·08	·04	...	·01	·11	...	...	1·72
16	...	...	...	·19	·11	·46	·01	...	...	·20	...	...	·02	2·85
17	...	...	·06	...	·37	·21	...	...	...	·04	...	...	...	2·02
18	...	...	·03	·01	·04	...	...	...	...	·04	·06	...	·06	0·95
19	·08	...	...	...	·06	·02	·04	...	...	·06	·25	...	·16	1·37
20	...	...	·19	·01	·20	1·11	·01	...	...	·22	·28	...	·24	3·32
21	...	...	...	·04	·01	·07	...	...	...	·07	·02	...	·12	1·34
22	·01	...	...	·03	...	·14	...	...	...	·02	·04	...	...	1·44
23	...	...	...	·15	...	·42	...	...	...	·40	...	·08	...	2·47
24	...	...	...	·03	·13	·02	...	...	·02	·08	·12	...	...	0·90
25	·02	...	...	...	...	·08	...	·01	·15	...	...	·36	...	2·00
26	...	...	...	...	·01	·10	...	...	·04	·02	...	...	...	0·84
27	...	...	...	·01	·17	·18	...	...	...	·10	...	...	·02	1·77
28	·01	...	·03	·04	·01	...	...	·12	...	·04	...	...	...	2·83
29	·18	...	·03	·01	·02	...	...	...	·14	...	...	...	·04	1·35
30	·04	·01	...	·01	·13	·13	...	·26	...	·14	·01	...	...	2·07
31	·02	·30	...	·17	...	·08	...	·09	·03	·06	...	...	...	2·17
Sums	0·73	0·88	0·77	1·63	1·89	3·74	0·68	2·53	0·95	1·65	1·97	0·93	0·86	60·23

TABLE IV.

Showing the Fall of Rain on every day in April during the years 1826–1869 at the Gardens of the Royal Horticultural Society at Chiswick.

APRIL.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	...	...	...	...	·29	·05	...	·08	·04	...	·76	...	...	·07	·02	·05	·02	·18	...	...	·03	·05
2	...	...	...	·01	1·19	·46	...	·23	·07	...	·02	·03	...	...	...	...	·02	·05	...	...	·06	...
3	...	...	...	...	...	...	...	...	...	...	·07	...	...	...	...	...	...	·22	...	...	·06	·04
4	·06	...	...	·14	...	...	...	·10	...	·04	...	...	·01	...	...	·11	...	·23	...	...	·46	·02
5	...	...	·24	·08	...	...	...	·02	...	·02	·17	...	·02	·56	...	...	...	·02	·01	...	·65	...
6	...	·05	·04	·13	...	...	...	...	...	...	·11	...	·03	...	...	·02	...	·01	...	...	·30	·04
7	...	...	·15	·24	...	·20	...	...	...	...	·40	·02	·05	...	·02	·03	...	·35	...	...	·12	·10
8	...	...	...	·33	...	·40	...	...	...	...	·04	...	...	·01	·01	...	...	·01	...	·04	...	·02
9	...	...	·04	·30	·28	·25	...	·05	...	...	·11	...	...	...	·01	·01	...	...	...	·09	...	...
10	...	·07	·02	·02	·04	...	...	·26	...	...	...	...	...	...	...	...	...	·01	...	·19	...	...
11	...	·03	·05	·51	·17	...	·02	·18	...	...	...	...	...	...	...	·01	·01	...	...	·16	·06	·10
12	·56	·18	·09	·14	·12	·15	...	·08	·11	...	·01	·01	...	...	...	...	...	·04	·23	·03	·09	·28
13	...	...	...	·12	...	...	...	·06	...	...	...	...	...	...	...	·08	·08	...	·02	·10	·02	·01
14	...	...	·14	·31	...	...	...	·02	...	...	·01	...	...	...	...	·01	·01	...	·02	·10	·10	...
15	...	...	·10	·04	·13	...	·02	·47	...	...	·01	·01	·03	...	...	·05	...	...	...	·02	·05	·05
16	...	...	·13	·63	·01	...	...	...	...	·03	·10	·01	·01	·01	...	...	...	...	·01	...	...	...
17	...	·15	·28	·07	·08	...	...	·21	...	·01	·03	...	·03	·32	...	...	...	...	...	...	·09	...
18	...	·06	·49	·17	...	...	·17	...	...	...	...	·01	·01	·20	...	·14	...	...	·01	...	·02	...
19	...	...	...	·03	...	...	·05	·06	...	...	...	...	·02	...	...	...	...	...	...	...	...	...
20	...	...	...	·01	·12	...	·10	·02	...	...	·08	·01	·22	·01	...	...	...	...	...	...	·03	...
21	...	·04	·07	·05	·03	...	...	...	...	·04	·07	·20	...	...	...	...	...	·05	...	...	...	...
22	·02	·03	·18	·22	·23	...	...	...	...	...	·09	·04	·01	·16	...	·32	...	·03	...	...	...	...
23	...	·07	·20	·28	·15	...	...	·02	...	·01	·13	·06	·04	·12	...	·52	...	...	...	...	·27	...
24	...	·03	...	·02	...	...	·33	·16	...	...	·55	·24	...	...	...	·15	·01	...	...	...	·05	...
25	·08	...	·22	·47	...	...	·10	·02	...	...	...	·21	...	...	...	...	...	·30	...	·18	1·40	...
26	·12	...	...	...	...	·01	·07	...	...	...	·04	·02	·01	...	...	...	...	·08	·03	·01	·04	·11
27	·04	...	...	·09	...	·04	·08	·12	·07	...	·07	·04	...	...	...	...	...	...	...	·02	·03	·01
28	...	...	...	·07	...	·10	...	...	·10	·04	...	·01	...	...	...	·07	...	·04	...	...	...	·07
29	...	...	...	·01	...	·30	...	·24	·15	·75	...	·19	...	...	...	·01	...	...	...	...	...	...
30	...	...	...	...	...	...	·01	·31	·11	·12	·01	·02	·03	...	...	...	...	...	...	·01	...	·02
Sums	0·88	0·71	2·44	4·49	2·84	1·96	0·95	2·71	0·65	1·06	2·88	1·13	0·52	1·46	0·06	1·58	0·15	1·62	0·33	0·95	3·93	0·92

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869
1	...	·12	·08	...	...	·07	...	...	...	·02	·02	·09	·14	·36	·02	...	...	...	...	...	...	...
2	...	·10	...	·03	...	...	...	·02	·01	·14	·02	·01	·22	·37	·24	...	...	...	·04	...	...	·08
3	...	...	·30	·08	...	·12	...	·08	·19	·02	·09	...	·01	·04	...	...	·03	...	...	...	...	·04
4	...	·08	·03	...	...	·14	...	·06	...	·48	...	...	...	...	...	·04	·18	...	·10	·02	...	...
5	·01	·01	...	·01	...	·02	...	...	...	·06	...	...	·01	...	·04	...	·54	·06	·02	·01	...	...
6	...	...	·02	...	...	·02	...	...	...	...	·09	...	...	...	·12	·06	...	...	·01	...	...	·24
7	·04	·05	...	...	...	...	...	...	·04	·12	·50	...	...	...	·01	·01	...	...	·01	·02	·04	·02
8	·04	·02	·02	·05	...	·06	...	·01	·06	·11	·46	·10	·01	...	·69	·11	...	...	...	·14	·07	...
9	·14	...	·01	·03	...	·04	...	·01	·30	·04	...	·02	...	...	·73	·06	...	...	·21	·02	·06	...
10	·27	·04	·06	·02	...	...	...	·01	·04	...	...	...	...	...	·05	·05	...	...	...	·02	...	...
11	·12	...	·05	·04	...	...	...	·05	·18	·09	...	·01	...	...	...	·02	...	...	·25	...	...	...
12	·16	·01	·04	...	...	...	·01	·01	·01	·06	...	·34	·02	...	...	·01	...	...	·02	·03	...	...
13	·45	·12	·30	...	...	·04	...	·01	...	·16	...	...	·01	...	...	...	...	...	·02	·09	...	...
14	...	·03	·05	...	...	...	...	...	·16	...	...	·36	·01	...	...	...	...	·09	·08	·30	...	·02
15	·28	·08	·26	·01	...	...	·01	...	...	·09	...	·08	...	...	...	...	...	...	·10	·04	...	...
16	·29	...	·16	·46	...	...	...	...	...	·13	·16	·07	...	...	·02	...	...	·16	·04	·06	...	·26
17	·11	·02	...	·01	·01	...	...	...	...	...	...	...	...	...	...	...	...	·02	...	·01	...	·02
18	·31	·28	...	...	·01	...	...	...	·02	...	...	...	...	...	·01	...	...	·02	...	...	...	...
19	...	·45	·26	...	...	·07	...	...	...	...	...	...	·01	...	...	...	...	...	...	·01	·12	...
20	·39	·01	·08	·20	...	·25	...	...	...	...	...	...	...	...	...	...	...	...	·14	·32	·24	...
21	·09	...	·07	·26	...	·28	·01	...	...	...	...	...	·07	...	...	...	...	...	...	·01	·04	...
22	·02	·22	...	·26	...	·24	·06	...	...	·20	...	...	·02	·01	·11	...	...	...	...	·05	·06	...
23	·03	·21	...	...	...	·09	...	...	...	·02	...	·28	·16	·08	·01	...	...	...	...	·12	...	·54
24	·08	...	...	...	...	·60	...	...	...	...	...	·12	·26	·01	·05	...	...	...	...	·18	·06	...
25	·01	·03	...	...	...	·16	...	...	·22	·02	·10	·33	...	...	·12	...	...	...	...	·01	...	...
26	...	·01	...	·02	...	...	...	...	·53	...	...	...	...	·03	·04	...	·01	...	...	·02	...	...
27	·10	·04	...	...	...	...	·13	...	·14	...	...	...	...	·54	...	...	...	...	·74	·03	...	...
28	·12	·28	...	·02	·32	...	...	...	...	...	·64	·08	...	...	...	·02	·01	...	·10	...	·24	...
29	...	...	...	·11	·18	·38	·04	...	...	...	·05	...	...	...	...	·04	...	...	·10	·04	...	...
30	...	...	...	·04	...	...	·04	...	·07	·01	...	·12	...	...	·03	·12	...	...	...	·12	...	...
Sums	3·06	2·21	1·79	1·65	0·52	2·58	0·30	0·26	1·97	1·77	2·13	2·01	0·95	1·44	2·29	0·54	0·77	0·35	1·98	1·67	0·93	1·22

TABLE V.

Showing the Fall of Rain on every day in May during the years 1826–1869 at the Gardens of the Royal Horticultural Society at Chiswick.

MAY.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	...	...	...	...	...	·04	·51	·08	·02	·05	·06	...	·12	...	...	...	...	...	...	·01	...	·03
2	...	...	·05	...	...	·72	·09	...	...	·08	·01	...	...	...	...	·25	...	...	...	...	...	·03
3	·07	...	·03	...	...	·12	·08	·10	...	...	·08	...	...	...	...	·30	·02	·06	...	·01	...	·15
4	...	...	·13	...	...	·05	·10	...	·16	...	·24	...	...	...	...	·70	...	·16	·01	...	...	·02
5	...	·50	·02	·07	·03	·12	·09	...	·44	·12	·40	...	...	...	...	·15	·16	1·26	...	·03	·03	...
6	·04	·23	...	·05	...	...	·06	...	...	...	...	...	...	...	·01	·02	·12	·38	...	·48	·13	...
7	...	...	·05	...	...	...	...	...	...	...	...	...	...	...	...	·10	·22	·05	...	·20	...	·14
8	...	...	...	...	·45	...	...	...	...	...	...	·28	...	·13	·12	·16	·20	·57	...	·01	...	·15
9	...	...	·04	...	·18	...	...	...	...	...	...	·06	...	·42	·60	...	·10	·02	...	...	·03	·04
10	...	...	...	...	·10	...	...	...	...	...	...	·10	...	...	·01	...	...	...	·07	·04	·04	·04
11	·09	...	...	...	...	...	·05	...	·04	...	...	·01	...	...	·01	·01	·26	...	...	·08	...	...
12	...	...	...	...	...	...	...	...	·40	·20	...	·06	...	·10	·16	...	·02	·02	...	·09	...	·01
13	...	...	...	...	...	...	·03	...	·03	1·10	...	·10	...	·13	·05	...	...	...	...	·03	·22	·02
14	...	·10	...	...	...	...	...	...	·02	·66	...	·20	...	·01	·32	...	...	·18	...	...	...	·08
15	...	...	...	·04	...	...	·23	...	...	·06	...	...	...	...	·41	...	...	·14	...	...	...	·19
16	...	·17	...	...	...	...	·07	...	...	·04	...	...	...	...	·14	...	...	·07	...	...	·34	·09
17	...	·58	...	...	...	...	·18	...	·08	...	...	...	...	...	·09	·01	...	·20	...	·06	·01	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	·03	·01	·02	...	·04	·02	·07	·17	·02
19	·04	...	...	...	...	·40	...	·50	...	...	...	·01	·03	...	...	·15	·04	·02	...	...	·12	...
20	...	...	...	...	...	·11	...	...	...	·03	·14	·01	·01	...	·01	·06	...	·44	...	·27	·26	...
21	...	...	·03	...	·36	...	...	...	...	...	...	·12	·06	...	...	·16	...	·05	·02	·26	...	...
22	...	·10	·03	...	...	...	...	...	...	·06	·06	·03	·02	...	...	·01	·01	·09	...	·02	...	...
23	...	·15	...	...	·21	...	...	...	...	...	·01	...	·02	...	...	...	·01	·53	...	·16	...	...
24	·29	·13	·34	·36	...	...	...	...	...	...	...	...	·02	...	·20	...	·20	·06	...	·54	...	...
25	...	·23	...	...	·64	...	...	...	...	·02	...	...	...	...	·01	...	·23	·03	...	·10	...	...
26	·06	·03	·13	...	·06	...	...	...	...	·22	...	...	...	...	·03	...	·01	·20	...	·27	...	...
27	·28	·02	·34	...	·03	...	...	...	...	·44	...	...	·05	...	...	·03	·13	·14	·06	·08	...	...
28	·39	...	...	...	·05	...	...	...	...	·04	...	...	·21	...	...	...	...	·16	...	·01	...	·56
29	·97	...	·12	...	·20	·65	·32	...	...	...	...	...	...	...	...	·03	...	·30	·07	·07	...	...
30	·11	...	·09	...	·16	...	·22	...	...	...	...	·05	...	...	...	...	...	·03	...	...	...	·02
31	·05	...	...	...	...	...	·13	...	...	·26	·01	·04	·38	...	...	...	...	·06	...	...	...	...
Sums	2·39	2·24	1·40	0·52	2·47	2·21	2·16	0·68	1·19	3·38	1·01	1·07	0·92	0·82	2·18	2·16	1·73	5·26	0·25	2·89	1·35	1·59

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Sums
1	...	...	...	...	...	...	·16	...	·26	...	·08	...	...	...	·02	...	·09	·08	·01	...	...	...	1·62
2	...	·09	...	...	·01	·06	·02	...	...	...	·05	...	...	·01	...	...	·18	...	·14	...	...	...	1·79
3	...	·01	...	·09	...	·58	·01	...	·16	...	...	...	...	·04	...	...	·12	·04	·10	...	...	·48	2·65
4	...	...	·08	·02	...	...	...	...	...	...	...	...	...	·04	·12	...	·09	·18	·01	...	...	·34	2·45
5	...	·40	·35	·02	...	...	·04	...	...	...	·02	...	...	...	...	·01	...	·04	·04	...	...	·02	4·36
6	...	...	·68	·01	...	...	...	...	·24	...	...	...	...	...	·46	...	·55	·01	...	...	...	·06	3·53
7	...	·02	·04	...	...	·24	·39	·06	·16	...	...	·39	·02	·03	·80	...	·10	·37	...	...	...	·02	3·40
8	...	...	·22	...	...	·02	·62	·04	...	...	...	...	·01	·02	·60	...	...	·12	·05	...	...	·06	3·83
9	...	·06	...	...	...	·24	·17	·09	...	...	...	...	·03	...	·31	...	·28	·73	·02	...	·06	·28	3·76
10	...	·01	...	·03	·05	·02	...	·04	...	·01	...	...	·11	·33	·10	...	·02	·60	·11	·52	·09	...	2·44
11	...	...	·01	...	·09	...	...	·36	...	·30	...	...	·12	·52	·04	·12	·01	·12	·15	...	...	...	2·39
12	...	...	·01	·29	·25	...	...	...	·70	·04	·12	...	1·14	·04	...	·20	...	...	·04	·07	...	...	3·96
13	...	·02	·04	...	·02	·13	...	·49	·14	...	·06	...	·02	...	...	·10	...	·09	...	·01	...	...	2·83
14	...	·04	...	...	·02	·01	...	...	·19	...	·18	...	·05	...	·13	·08	...	·02	...	...	...	...	2·29
15	...	·37	...	...	...	...	...	·05	·20	...	·10	·04	·14	...	·46	·08	...	·01	...	...	...	...	2·52
16	...	·02	·01	·05	...	...	...	...	...	...	·14	·10	·09	·12	...	·02	...	...	...	...	...	·02	1·49
17	...	·05	·02	...	·33	...	...	·01	·34	...	·10	...	·25	...	...	...	...	·02	...	...	...	...	2·33
18	...	·01	·01	·10	·11	...	...	...	·13	...	·04	...	·14	...	...	·40	...	...	...	...	...	·16	1·48
19	·01	·36	...	·04	...	...	...	...	...	...	...	·36	...	...	...	·22	...	...	...	·02	...	·22	2·54
20	·06	·64	·02	...	·10	...	·07	...	...	·01	...	·19	...	...	...	·21	·16	...	...	·76	...	...	3·56
21	·07	·22	·11	...	...	...	·19	...	·24	·02	·08	...	...	...	·18	...	·01	·50	...	·09	...	...	2·77
22	...	·20	·06	...	...	...	·30	·01	·16	·20	...	...	...	...	·02	...	...	...	...	·12	·08	...	1·58
23	...	...	...	...	...	...	·10	...	·04	·23	·43	...	...	·03	·04	...	...	·19	...	...	·24	...	2·39
24	...	...	...	...	...	...	·08	...	...	...	·48	...	...	...	...	...	...	...	...	...	·18	...	2·88
25	...	...	·03	·08	·11	...	·12	...	·14	·05	·16	...	·04	...	...	...	...	...	...	·35	...	·10	2·44
26	...	...	·03	·01	·35	...	·48	...	·02	...	...	·30	·03	...	·01	...	...	...	·50	·02	...	...	2·76
27	...	·04	·02	...	·01	...	·12	·10	·63	...	·01	...	·30	·01	·09	...	...	·07	...	...	...	·44	3·44
28	...	·97	·10	...	·03	·18	·42	·09	·41	...	...	...	...	...	·01	...	...	...	...	...	...	·36	3·99
29	...	...	...	...	·25	·02	·40	...	...	...	...	·34	...	...	...	...	...	...	...	·04	·40	...	4·18
30	...	...	...	...	·01	·08	·34	·14	...	·01	...	·01	·07	...	·15	·02	...	...	...	·04	...	...	1·55
31	·14	...	...	...	...	·02	...	·46	·22	...	...	·07	·48	·12	...	...	·34	...	...	·01	...	·20	2·99
Sums	0·28	3·53	1·84	0·74	1·74	1·60	4·03	1·94	4·38	0·87	2·05	1·80	3·04	1·31	3·54	1·46	1·95	3·19	1·17	2·05	1·05	2·76	86·19

TABLE VI.

Showing the Fall of Rain on every day in June during the years 1826–1869 at the Gardens of the Royal Horticultural Society at Chiswick.

JUNE.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	·16	·10	...	...	...	...	·20	...	...	·02	...	·06	·27	...	...	...	...	·03	...	...	...	...
2	·18	·04	...	...	...	...	...	·20	...	·17	·14	·14	·08	·33	·17	...	...	·08	...	...	...	...
3	...	...	...	...	·91	...	...	...	·03	...	·01	...	·04	·20	·06	...	...	...	...	·06	...	...
4	...	...	·76	...	·02	...	·14	...	·20	...	·09	...	...	...	·04	...	...	·02	...	·05	...	...
5	...	·11	·03	...	...	·10	...	...	...	...	·03	·11	...	·64	·07	·03	...	·09	·06	·08	...	·01
6	·02	·09	·01	...	·13	...	·01	...	...	...	·01	...	...	·02	·28	·01	...	·17	·02	...	...	...
7	...	...	...	...	·05	...	·53	...	...	...	·05	...	...	·17	...	·02	...	·23	...	·25	...	·02
8	...	...	·07	·04	·04	...	·02	...	...	...	...	...	...	...	...	...	...	·10	·02	...	...	·06
9	·02	...	...	...	·03	·05	·60	...	...	...	·01	·36	...	...	...	...	...	·01	·01	...	...	·05
10	...	...	...	...	·05	·07	·01	...	·05	...	·06	·09	·17	...	...	...	...	·34	...	...	...	·02
11	...	...	...	...	·18	·13	·22	...	·22	...	...	·01	·47	...	·01	...	...	...	...	...	...	...
12	...	...	...	...	·01	...	·54	·10	·60	...	...	·03	·02	...	...	·01	...	·20	...	...	...	...
13	...	...	...	...	·01	·06	...	·10	·01	...	...	·20	·56	...	...	...	...	·14	...	...	...	·03
14	...	...	...	...	·20	...	·02	·14	·02	...	...	·11	·02	...	...	...	...	·18	...	...	...	·24
15	...	...	·06	...	·30	·05	·11	·26	...	...	·01	...	·02	...	...	·01	...	...	...	...	...	·18
16	...	...	·01	·02	·03	...	·01	·07	·01	...	...	...	·17	...	·09	...	...	...	...	...	...	·10
17	...	...	...	·01	·04	·02	...	·20	·04	·01	·80	·20	·02	...	·22	...	...	...	·04	·19	...	·03
18	...	...	·05	·07	·09	...	...	...	...	...	...	...	·25	·16	·01	·24	·12	·01	·05	·05	...	·09
19	...	·02	·02	...	...	·13	...	·04	...	...	·09	...	·37	...	·09	·08	·34	·01	·02	...	...	·01
20	...	·03	·21	·13	...	...	...	·01	...	...	...	...	·05	·01	...	·02	·01	...	·01	...	...	·01
21	...	·13	·68	...	·19	...	·40	...	·38	...	·03	...	·01	...	·13	·26	·01	...	...	...	...	...
22	...	...	·04	·17	...	...	·04	·54	...	·30	·04	...	·12	·11	...	·01	·20	...	...	...	·59	...
23	...	...	...	·20	...	·05	·02	·10	...	·02	...	...	...	·18	·06	·40	·01	...	...	...	·05	·36
24	...	...	...	...	·23	...	·02	·22	...	·26	·27	...	...	...	...	·49	...	...	...	·21	...	·02
25	...	...	...	·38	·09	·22	...	...	...	·20	·02	...	·72	·07	...	·04	·09	...	·62	·09	...	·06
26	...	...	...	·19	...	·07	...	·48	·07	1·00	...	...	·01	·51	...	...	...	...	·12	...	·09	·01
27	...	...	...	·80	·02	·30	...	·05	...	·01	...	...	·01	·20	·10	·10	...	...	...	·15	·01	·01
28	...	·30	...	·08	...	...	...	...	...	...	...	...	...	·40	...	·65	...	·01	...	·16	·03	...
29	...	...	...	·06	...	·12	...	...	...	...	...	...	·20	...	...	·07	...	...	...	·04	...	...
30	...	...	...	·22	...	...	...	·12	...	...	...	...	·07	...	·15	·01	·80	...	...	·03	·03	...
Sums	0·38	0·82	1·94	2·37	2·62	1·37	2·89	2·63	1·63	1·99	1·66	1·31	3·65	3·00	1·48	2·45	1·58	1·62	0·97	1·36	0·80	1·31

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Sums
1	·08	...	...	...	·07	·02	·04	...	...	...	...	·22	...	·08	...	...	...	·76	·01	...	...	...	2·12
2	·07	...	...	...	·09	...	·05	...	...	...	...	·03	·87	·04	...	...	·07	·19	...	·78	...	·10	3·82
3	·03	...	...	·08	·03	...	·02	·02	...	·03	...	·52	·04	·13	·02	...	·26	·02	·46	·05	...	...	3·02
4	·07	...	...	·01	·02	...	...	...	...	...	...	·14	·07	·01	...	...	...	...	1·02	...	...	...	2·66
5	...	·20	...	·14	·03	...	...	...	...	·02	·60	·64	·32	·01	·28	·90	...	...	·02	·24	...	...	4·76
6	...	·07	·03	...	·03	...	...	·16	...	·05	·08	...	·08	...	·03	·22	·02	...	...	·02	...	...	1·56
7	...	...	·06	·01	·41	...	...	...	...	·20	...	...	·12	...	·06	·16	...	...	...	·10	...	...	2·44
8	·01	...	·03	...	·45	·02	...	...	...	·15	...	...	·09	·01	...	·09	...	...	...	...	...	...	1·20
9	·27	...	...	·02	1·48	·01	...	·08	...	·10	03	...	·26	·58	·03	·06	...	...	...	...	...	...	4·06
10	·95	...	...	·32	·18	·02	...	...	...	·02	...	...	·04	·15	·04	·04	·03	...	...	...	...	...	2·65
11	...	...	...	·04	·01	·10	...	...	...	...	...	...	·06	...	·20	·32	...	...	...	...	...	...	1·97
12	·78	...	...	·23	·02	·20	·01	...	·12	...	...	·57	·40	...	·50	·33	·06	...	·04	·06	...	...	4·83
13	·12	...	·04	·04	·28	·77	...	·27	·24	...	03	...	...	...	·06	·04	·46	...	·18	...	...	·56	4·20
14	...	...	·19	·01	·13	·36	·14	·18	·04	...	...	...	·02	...	·48	·07	·08	...	·01	...	...	·12	2·76
15	...	...	·04	·38	·16	...	·04	·11	...	...	...	...	·07	...	·20	...	·16	...	·01	·12	...	·06	2·35
16	·09	...	...	...	·20	...	·04	·46	...	·01	...	...	·28	...	·08	·25	...	...	·16	...	...	·06	2·14
17	...	...	...	...	·09	...	·45	·02	·04	...	·01	...	·54	...	·12	...	·14	...	·05	...	...	·20	3·48
18	·07	...	...	·05	·30	...	...	·18	·12	...	...	...	...	...	·03	·84	·01	...	·09	...	...	·04	2·92
19	...	·02	...	...	·12	·32	...	...	·08	·62	·01	·01	·34	...	·05	·36	...	...	·02	...	...	...	3·17
20	...	...	...	...	·05	·02	...	...	·16	·68	·02	·13	·12	·46	...	...	...	...	·01	...	·06	...	2·20
21	...	...	...	...	·02	·04	·06	...	·08	...	...	...	·19	·36	...	...	...	...	·84	...	·16	·12	4·09
22	...	...	...	...	...	·01	...	...	...	...	...	...	·04	·01	·06	...	...	...	...	...	·02	...	2·30
23	·44	...	...	...	...	...	...	...	...	...	...	...	·08	·02	...	...	·17	...	...	...	·08	...	2·24
24	·04	...	...	...	·01	·06	...	...	...	...	...	...	·11	·10	...	·74	...	...	...	...	...	...	2·78
25	·04	...	...	...	·32	·18	·01	...	...	...	...	...	·56	·15	...	...	·08	...	...	...	...	...	3·94
26	·01	...	·69	...	·12	·36	...	...	...	...	...	·10	·01	·05	...	·02	·02	...	...	...	...	...	3·93
27	·02	...	·01	...	·04	·01	·17	...	...	...	...	·12	·04	·03	·02	·02	·08	...	·02	...	...	...	2·34
28	·02	...	·31	...	·03	...	·06	...	...	...	...	·62	·18	·16	...	...	...	·02	...	...	...	...	3·03
29	·01	·02	...	...	...	...	...	...	...	·01	...	...	·22	...	·07	...	·06	·42	...	...	...	...	1·30
30	·08	...	...	...	...	·04	·44	...	...	·02	...	...	...	...	...	...	...	·43	·66	...	·01	...	3·11
Sums	3·20	0·31	1·40	1·33	4·69	2·54	1·53	1·48	0·88	1·91	0·78	3·10	5·15	2·35	2·33	4·46	1·70	1·84	3·60	1·37	0·33	1·26	87·37

TABLE VII.

Showing the Fall of Rain on every day in July during the years 1826-1869 at the Gardens of the Royal Horticultural Society at Chiswick.

Day of the Month	JULY.																																												Sums
	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	
1	...	·38	...	·32	·31	...	...	·20	...	...	...	...	·34	...	·01	·05	·05	...	·34	·13	·04	...	·04	...	...	1·18	...	·22	·02	...	...	·04	...	...	...	·05	...	...	...	...	·13	·24	...	...	4·09
2	...	...	...	·07	·21	...	...	...	...	...	...	...	·09	...	·02	·01	...	...	·22	·06	·01	·01	·07	...	...	...	...	...	·02	·01	...	...	...	...	...	...	·01	·01	·14	...	·04	·04	...	...	1·04
3	...	...	·78	·16	·05	·01	...	...	...	...	...	...	·14	...	...	·04	·01	...	·14	·01	...	...	·29	·01	·25	...	...	...	·02	...	...	·10	...	·76	...	...	·23	...	·08	...	·16	·14	...	...	3·38
4	...	·05	...	·16	...	...	...	...	...	·24	...	...	·06	...	...	...	...	...	·01	...	...	...	...	...	·33	...	...	...	·01	...	·01	·11	·18	·04	...	·12	...	...	...	...	·13	·02	...	...	1·47
5	...	...	...	·18	...	·03	...	...	·58	·01	·08	...	...	...	...	·59	·11	·16	·06	...	·24	...	...	...	...	...	...	...	·06	...	...	·03	·04	...	...	·05	·29	...	...	...	·03	...	...	...	2·54
6	...	...	·06	..:	...	...	·03	·01	·43	...	...	...	·45	...	·14	·03	...	...	·06	...	·13	·09	...	...	·09	...	...	...	·07	...	·02	·31	...	...	...	·26	·02	...	·02	·48	·19	...	...	...	2·89
7	...	...	...	·23	·04	...	...	·20	·02	·10	...	...	·11	·03	...	·08	·09	·14	·13	·01	...	·02	·03	...	·34	...	...	...	·15	...	·25	...	·05	...	...	·04	·30	...	...	·01	·01	...	...	...	2·38
8	·04	...	·08	...	...	...	·01	·24	·02	...	...	...	...	...	·46	·01	·43	·24	...	·01	·08	·08	·22	...	...	·08	...	·14	·05	...	·48	...	·06	...	...	·05	...	...	...	...	·03	...	...	...	2·81
9	...	...	·57	...	·01	...	...	...	...	...	...	...	...	...	...	...	·03	·02	...	·15	·16	·02	·36	...	·15	·16	...	·05	·02	·14	·01	...	·82	...	...	·02	·20	...	...	·10	...	...	...	...	2·99
10	...	...	·02	·09	...	·01	·04	...	...	...	...	...	...	...	...	·36	...	...	...	·02	·39	...	...	...	...	·24	...	·01	·40	·48	...	·01	·08	...	...	·01	·18	...	...	·06	...	...	...	...	2·40
11	...	...	·18	·41	·09	·01	...	...	...	...	...	...	...	...	...	...	·02	...	...	·71	...	...	...	...	...	...	...	...	·01	1·07	·02	...	...	...	...	...	·38	...	...	...	...	...	·72	...	3·62
12	...	...	·75	·08	...	1·10	·02	...	...	·02	·01	...	...	·08	...	·02	...	...	·06	·07	...	...	...	...	...	...	...	...	·17	...	·01	...	...	...	...	·06	·05	...	...	·04	...	...	·26	·18	2·98
13	·14	...	·04	...	...	·08	·72	...	...	·02	...	...	...	...	...	·02	...	·07	·53	·01	...	...	...	...	...	·20	...	·92	...	...	...	...	·02	...	...	·14	...	...	...	·07	...	·26	...	...	3·24
14	...	...	...	·27	...	·60	·07	...	...	...	...	·02	·18	·07	...	·07	...	...	...	·04	...	...	·04	...	...	...	·20	·64	·02	·29	...	...	...	...	...	·08	...	...	...	...	...	·09	...	...	2·68
15	·04	...	·05	·02	...	·18	...	...	...	·02	·43	·72	·17	·01	...	1·46	...	...	...	·03	...	...	...	...	·01	·02	...	·34	...	·41	·11	...	·16	...	·01	·02	·10	...	...	...	...	·28	·14	...	4·73
16	·12	...	...	...	...	·11	...	...	...	...	...	·08	...	...	...	·01	...	...	...	·07	·02	...	...	...	·04	...	1·60	·26	...	·40	·08	·22	·18	...	·14	...	·01	...	...	·04	...	·27	...	...	3·65
17	...	...	...	·46	·22	...	...	...	...	...	...	·32	...	·34	...	...	...	...	...	·02	·06	·56	...	·07	·34	...	·01	...	·02	...	...	...	·20	...	...	...	·03	...	·01	·20	...	·32	...	...	3·18
18	...	...	·09	·70	·47	...	...	·02	1·22	...	...	·01	...	·06	...	...	·02	·50	...	...	·22	...	...	·06	·37	...	...	·35	...	·01	·01	...	·01	·25	·07	...	...	...	...	·04	...	·06	...	...	4·54
19	...	·42	·03	...	...	...	...	...	·60	...	·38	·12	·03	...	·06	·07	·01	·02	·39	...	·05	·01	...	·22	·02	·31	...	·02	...	·36	...	...	...	·01	·01	·02	...	...	...	...	...	·01	...	...	3·17
20	·11	...	·47	...	·01	·03	...	·18	·26	...	·03	·04	...	...	·09	·29	·12	·01	...	·24	...	...	·07	·14	...	...	·01	...	...	...	·04	·04	·03	·72	·10	·10	...	...	...	...	...	·13	...	...	3·76
21	·11	...	·43	...	...	...	...	·05	·15	...	·03	...	...	·01	·54	·10	...	...	...	...	·04	...	·21	·03	...	...	...	·06	...	...	·07	...	...	·02	·26	·03	...	·48	·10	...	...	·02	...	...	2·74
22	1·37	·20	·08	...	...	·10	...	·26	...	...	·03	·02	...	·20	·01	·22	·02	·08	...	·05	...	...	...	...	...	·08	...	·01	...	...	...	·01	·12	·07	·17	·04	·23	·15	...	·20	...	·20	...	...	3·92
23	·14	...	·33	...	...	·14	...	·40	...	...	·14	...	...	·23	...	·01	...	·08	...	·05	...	...	·38	·40	·15	·70	...	...	...	·68	...	...	·04	·06	·56	·01	·03	...	...	·26	...	·02	...	...	4·81
24	...	...	·12	1·03	...	...	...	...	...	...	·15	...	...	...	·02	...	...	...	...	...	·32	...	·08	1·16	·15	·28	...	...	...	·14	...	...	·02	...	·01	·12	...	...	·12	·01	...	...	...	...	3·73
25	...	·05	·07	...	...	...	...	...	...	...	...	...	...	...	·22	...	...	...	...	...	...	...	·11	·04	·10	...	·36	·04	...	·20	...	...	...	...	...	·13	...	·16	·03	...	...	1·48	...	...	2·99
26	...	·21	·10	...	...	...	...	...	·12	...	...	...	·16	·70	·05	...	·02	·10	...	...	·02	...	·08	·46	·06	·01	·10	...	·52	1·22	·02	...	...	...	...	·29	...	...	...	...	·06	·40	·04	...	4·74
27	...	...	·08	...	...	...	...	...	·14	...	...	...	...	·31	...	...	·56	·02	...	·07	...	...	·01	·01	·26	·02	...	·98	·02	·45	·22	·02	·52	...	...	·20	...	...	...	...	·04	·02	...	...	3·95
28	...	...	...	...	...	·04	...	...	·17	...	·32	·30	·05	·01	·01	...	·03	·06	...	·05	...	...	...	...	·01	·06	...	·10	...	·06	·08	·33	·02	...	1·39	·01	...	...	...	...	·23	...	·16	·60	4·09
29	...	...	·05	·17	·03	...	...	...	1·31	...	·02	·03	·09	·40	...	·01	...	·07	...	...	...	...	...	·22	...	·03	...	·03	...	...	...	...	...	·12	...	·01	·03	...	...	·01	·12	...	...	...	2·75
30	...	...	...	·88	·02	·08	...	...	·66	...	·14	·06	·32	·21	·05	...	...	·07	·14	·33	...	...	·18	...	...	·52	...	...	·46	·24	...	...	...	·13	...	...	...	...	...	...	...	...	...	...	4·49
31	...	...	...	...	...	...	...	...	·66	...	·02	·06	...	·26	...	·11	...	·03	·02	·18	...	...	·04	...	·01	·01	...	...	·36	·14	...	...	...	...	...	·04	...	...	...	·85	·13	...	...	·02	2·94
Sums	2·07	1·31	4·38	5·23	1·46	2·52	0·89	1·56	6·34	0·41	1·78	1·78	2·19	2·92	1·68	3·56	1·52	1·67	2·10	2·31	1·78	0·79	2·21	2·82	2·68	3·90	2·28	4·17	2·40	6·30	1·43	1·22	2·55	2·18	2·72	1·90	2·09	0·80	0·50	2·37	1·30	4·00	1·32	0·80	102·19

TABLE VIII.

Showing the Fall of Rain on every day in August during the years 1826–1869 at the Gardens of the Royal Horticultural Society at Chiswick.

Day of the Month	AUGUST.																																												Sums
	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	
1	...	...	...	...	...	·03	·27	...	·10	...	...	·43	·17	...	...	·02	...	...	·02	·06	1·23	...	·34	...	·01	·02	...	·03	·24	·02	...	...	...	...	·02	...	...	·05	...	...	·08	...	...	·02	3·16
2	...	...	·65	...	·23	·43	·45	...	...	...	...	·07	·11	...	...	·38	...	·02	·11	·61	·65	...	·10	·06	...	...	...	...	·40	·17	...	...	...	...	·01	·03	·08	...	...	·49	·04	...	...	·08	5·17
3	·22	·05	·50	·17	·05	·05	...	...	...	...	...	·34	...	...	...	·38	...	1·03	·15	·10	·04	...	·15	·02	...	...	·03	...	·27	...	...	...	...	·16	·04	·01	...	...	..	·42	...	...	...	·34	4·52
4	·84	...	·12	·03	·01	·01	·36	...	...	...	...	...	·08	...	...	...	...	·18	·01	...	·85	·02	·05	...	...	...	·01	...	·39	·01	...	...	...	...	...	...	...	·17	...	...	...	...	...	·10	3·24
5	...	·23	...	...	...	·03	·15	...	...	·01	...	...	·12	...	...	·01	...	·02	·37	·05	·43	·28	·11	...	·02	...	·04	...	·04	...	...	·88	...	·01	·19	...	...	·14	...	...	...	·32	...	...	3·45
6	...	...	·42	·07	...	...	·01	...	·58	·01	...	...	·22	·01	...	·07	...	...	·02	·12	...	...	·12	...	...	...	·42	...	...	·11	...	·30	...	·01	·08	...	·06	·04	...	·04	·43	·39	...	...	3·53
7	...	...	·57	...	...	...	...	...	·50	·01	...	...	·04	·15	...	...	...	...	·12	·24	...	...	...	·17	·08	...	·12	...	...	·44	...	...	...	·21	...	·13	·18	...	...	·05	·16	·28	·12	·20	3·77
8	...	...	·13	...	...	...	...	...	·20	...	...	...	...	...	...	·01	·15	...	...	·26	·01	·10	·13	...	·02	...	·02	...	...	·50	·08	...	...	·22	·36	·18	·12	...	...	...	·09	·03	...	·06	2·67
9	...	...	·04	·33	...	·21	...	...	...	...	...	...	·01	...	...	·01	...	...	...	·01	...	·02	·23	·40	...	...	·06	...	...	...	·10	·14	...	·19	...	·02	...	...	·56	...	·11	...	...	·04	2·48
10	...	·05	...	·15	·06	...	...	·04	...	...	...	·01	...	...	·07	·36	1·06	...	...	·05	...	·05	·15	...	·02	...	·28	...	...	...	...	·01	·12	·03	·72	...	...	...	...	1·08	·08	...	...	...	4·39
11	·26	·11	·36	...	·04	...	...	...	...	...	...	...	...	·01	·07	·30	...	...	·12	·36	·26	...	·19	·34	·04	...	·78	...	...	...	·12	·07	...	...	·04	...	...	...	...	·05	·32	...	·22	...	4·06
12	...	...	·11	...	·07	...	...	...	...	...	...	...	...	·04	·02	...	...	...	·33	·01	·01	...	...	·02	·10	...	·47	...	...	·01	...	·06	...	...	·02	·01	...	...	...	·02	·10	...	...	·22	1·62
13	...	·04	1·14	·12	·72	...	...	...	...	...	·44	...	...	...	·03	·30	...	...	·24	·07	·22	...	·21	·09	...	·02	...	...	·01	...	·66	·55	...	...	...	...	·34	...	...	·06	·07	...	...	·20	5·53
14	...	...	·12	·67	·56	...	...	...	...	...	·15	...	...	...	·06	·04	...	...	·30	...	...	...	·68	...	...	...	·64	...	...	...	·06	·12	·79	·42	·14	...	·12	...	...	·16	·01	·18	...	·02	5·24
15	...	·13	...	·37	·01	...	...	...	...	...	...	...	...	·04	·03	...	...	·61	·03	...	·07	·32	...	·01	·01	...	...	...	...	...	...	·59	·01	...	·10	...	·37	...	...	·04	...	·27	...	...	3·01
16	...	·31	...	...	...	·03	...	...	...	...	...	...	...	·58	·22	...	...	·16	·01	...	...	·05	·12	·15	...	·02	...	·36	·11	...	·22	...	...	·04	·03	·10	·80	·01	...	·02	·05	...	·28	·04	3·71
17	...	·12	·04	·17	·53	·54	·01	...	...	...	...	...	·01	·08	·47	...	...	...	...	...	·27	·34	·02	·01	...	·28	·76	...	·10	...	1·12	...	...	·01	·04	...	·31	·12	...	·08	...	...	·62	...	6·05
18	...	...	...	·28	...	·06	·10	·11	...	...	·02	...	...	·24	·38	...	·01	...	...	·28	·07	·10	...	...	...	...	...	...	...	...	...	...	·01	...	·29	...	...	·03	...	·04	...	...	·46	...	2·48
19	...	...	...	·08	...	·03	·06	...	...	...	...	...	...	·12	·24	...	·01	·01	·01	·42	·01	·05	·06	...	...	...	...	·02	·12	·02	·29	...	...	...	·06	...	...	·12	...	...	·08	·81	·26	...	2·88
20	...	...	...	·18	...	·14	·06	...	...	...	·13	·02	·03	·01	...	...	...	...	...	...	·33	...	·26	...	·01	...	·03	·01	·01	·05	·45	...	...	...	...	...	·02	·01	·02	·26	·02	...	...	...	2·05
21	...	·62	·10	...	...	...	·50	...	...	...	...	·01	·09	...	...	...	...	·02	...	·04	·03	...	·17	...	·45	...	...	...	...	...	·24	...	·36	...	·36	...	...	...	·48	...	...	...	...	...	3·47
22	...	...	·05	·48	·01	...	·01	...	...	...	·06	·30	·12	...	...	·58	...	·22	...	...	...	·09	·06	...	...	...	...	·67	...	...	...	...	...	...	·03	·02	...	·02	·22	...	...	...	·36	...	3·30
23	·10	...	...	·17	...	...	·04	...	...	·02	·69	·32	·10	...	·01	·01	...	·95	...	·07	...	·01	·04	...	...	·01	...	·01	·08	·12	...	...	...	...	·45	...	...	...	·16	·82	·06	...	...	...	4·24
24	...	...	...	·19	·02	·01	·16	...	·23	·09	·02	...	·04	...	...	·13	·22	...	...	...	...	...	·03	...	·10	·18	·05	...	...	...	·02	...	...	...	·24	...	...	...	...	...	...	...	...	...	1·73
25	·32	...	...	...	·17	...	·30	...	...	·04	...	·09	·09	...	...	·07	·28	...	...	·04	...	...	·01	...	·10	...	...	·23	...	...	·02	...	...	·62	·48	...	...	·35	...	...	...	...	...	...	3·21
26	...	...	...	·06	...	...	·06	...	·11	...	·14	·51	...	...	...	...	...	·01	...	...	...	...	·04	...	·01	·11	...	·49	...	...	...	...	...	...	·20	...	...	·54	...	...	·01	·14	·05	...	2·48
27	...	...	...	·37	·40	...	·34	...	...	...	·12	...	...	·15	...	...	·20	...	...	...	...	...	·01	...	...	1·32	...	·01	...	...	...	...	...	·20	·01	...	...	·08	...	...	...	...	...	...	3·21
28	...	...	...	·11	·16	...	·03	...	·02	...	·20	·17	...	...	·02	...	·14	·05	...	...	...	·06	·10	·01	...	...	...	·02	...	...	·07	...	...	·01	·22	...	...	·12	...	·01	·06	...	...	...	1·58
29	...	...	...	·03	·01	...	·29	...	·01	...	...	·58	...	·02	...	...	·52	...	...	...	·02	·01	·01	...	...	·07	...	...	...	...	...	...	·16	·16	·03	...	...	...	...	...	·90	·13	...	...	2·95
30	...	...	...	...	...	...	·26	·86	·92	...	...	·18	...	·10	...	...	...	...	...	...	...	...	...	·06	...	...	...	...	...	...	...	...	·01	·20	...	...	...	·04	·01	...	·02	...	...	...	2·66
31	·26	...	...	·04	...	·02	·16	·92	·06	...	...	·01	...	·30	...	·02	·22	...	...	...	...	...	1·31	·26	...	...	...	·02	...	...	·05	·08	...	...	...	...	...	·12	·14	...	...	...	...	...	3·99
Sums	2·00	1·66	4·35	4·07	3·05	1·59	3·62	1·93	2·73	0·18	1·97	3·04	1·23	1·85	1·62	2·69	2·81	3·28	1·84	2·79	4·50	1·50	4·70	1·60	0·97	2·03	3·71	1·87	1·77	1·45	3·50	2·80	1·46	2·49	4·16	0·50	2·40	1·96	1·59	3·64	2·69	2·55	2·37	1·32	105·83

TABLE IX.

Showing the Fall of Rain on every day in September during the years 1826–1869 at the Gardens of the Royal Horticultural Society at Chiswick.

SEPTEMBER.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Sums
1	·05	...	·10	...	...	1·50	·20	...	·14	...	·01	·02	·04	·01	...	...	·46	...	...	...	...	·01	...	·24	·01	·10	·01	·80	...	...	...	·14	...	...	·10	...	·03	...	·01	...	·03	...	...	...	4·01
2	·23	...	...	...	·01	·05	...	·05	...	...	·22	·07	...	·11	·22	...	...	...	...	...	...	...	...	·04	...	...	...	·44	...	...	·01	·28	...	·18	...	·01	·21	·18	·05	...	·22	·20	...	...	2·78
3	...	...	...	...	·07	...	...	·39	...	·17	·45	·10	...	·01	·02	·48	...	...	...	...	...	·03	...	·12	...	...	...	...	...	·02	...	·49	·02	...	...	·06	·01	·44	·10	...	·08	·22	...	...	3·28
4	·58	...	·04	...	·17	·08	...	...	...	·15	·14	...	...	·19	·13	·32	·01	...	·02	...	...	...	...	...	...	·01	...	...	...	·01	...	·01	·18	...	...	...	...	·02	·09	...	·36	·10	...	...	2·61
5	·11	...	...	·05	·01	·05	...	...	...	...	·16	·02	·30	·06	...	·04	...	...	·03	·01	...	·01	·10	...	...	...	·02	...	...	...	...	...	·12	...	...	...	...	·26	...	...	·12	·02	...	·20	1·69
6	·59	...	...	·08	·45	·11	·61	...	...	...	·70	...	·14	·04	...	...	...	...	...	...	·04	·01	·01	...	...	...	·32	...	...	...	·12	·01	...	·30	...	·12	...	·39	·30	...	·61	·12	...	·30	5·37
7	·26	...	...	·12	·05	·32	·01	...	·06	...	...	·20	·10	...	·02	·17	·55	...	·01	...	·03	·10	...	...	...	...	·48	...	...	...	...	·05	·08	...	...	...	...	...	·10	...	·08	...	...	...	2·79
8	·60	...	·20	·65	...	·10	...	·16	·30	·28	...	...	...	...	·01	...	·64	...	·28	...	...	·08	...	...	...	...	·14	...	...	...	...	·60	...	·02	·01	·18	...	·07	...	·10	·22	...	...	...	4·64
9	...	1·09	...	·47	·31	·30	·01	...	·03	·08	·38	...	...	...	·02	...	·06	...	·24	...	...	...	...	...	...	...	·09	·12	...	...	...	·29	·01	...	...	...	·22	·69	...	...	·24	·82	...	·42	5·89
10	...	·12	1·27	·10	·10	·04	·14	·03	·08	·06	...	·26	...	...	...	...	·07	·52	...	·01	...	...	·33	·18	...	...	·10	·01	...	...	...	·24	...	...	...	...	·01	...	...	...	·06	·30	...	·24	4·27
11	...	·08	·44	·46	·12	...	...	...	·05	·01	·08	...	...	·04	...	...	...	...	...	...	...	...	...	·32	...	...	...	...	...	...	...	·68	...	...	...	...	...	...	...	...	·16	·21	...	·70	3·35
12	...	·38	·23	·06	·26	...	...	...	...	·49	·02	·09	...	...	...	...	...	...	...	...	...	...	...	·36	...	...	...	·03	·03	·20	·11	·08	...	·04	...	...	·01	...	...	...	·03	...	...	·14	2·56
13	...	...	·40	·03	·06	...	·04	...	...	·06	·01	·09	...	·09	...	...	...	...	...	·04	...	·27	...	·01	...	...	...	·07	·08	...	...	·05	...	·42	·02	·06	...	...	·02	...	·40	...	...	·24	2·46
14	·10	...	·05	...	·01	...	...	·03	...	...	·01	·02	...	·84	·40	...	...	·01	·03	·02	...	·01	...	...	...	...	·07	...	·28	·32	...	·15	...	·02	·04	·02	...	...	·80	...	·02	·04	...	·18	3·47
15	...	·03	...	·63	·18	...	...	·02	...	·20	·02	...	...	·20	·05	·06	...	...	·05	·45	...	·16	...	...	...	...	·11	·19	·02	...	...	...	...	·01	·01	·02	·14	...	·16	...	·04	...	...	·02	2·77
16	...	...	...	·14	·06	...	...	·50	...	·17	·04	...	...	·21	·19	·01	...	...	...	·47	...	·01	...	...	...	...	...	·04	·02	·04	...	...	...	·07	·18	...	...	...	·61	...	·24	...	...	·06	3·06
17	...	...	...	·55	·21	...	...	·04	...	·01	·06	...	...	·90	...	...	·29	...	·47	·19	...	·22	...	...	...	...	...	...	...	·06	·10	...	·08	...	·40	...	...	...	·26	...	·02	·08	...	·06	4·00
18	·40	...	...	·02	·07	...	...	...	·03	·76	...	·01	...	·52	...	...	·10	·20	·11	·07	...	·03	...	...	...	...	·84	...	·05	...	·01	...	...	·28	·01	...	...	...	·02	...	·02	...	·42	·82	4·79
19	...	·36	...	·09	·10	·03	...	·06	...	·60	...	...	·05	·08	...	...	·08	...	...	...	...	·50	...	...	·02	...	·03	...	·02	...	...	·01	·27	·11	·02	·02	...	·64	...	...	·03	...	·04	...	3·16
20	·04	...	...	·17	·45	...	...	...	...	·08	·08	...	...	·04	...	...	·02	...	...	·29	...	·03	...	·05	·10	·02	·23	...	·04	...	...	...	...	·22	·22	...	...	...	·04	·36	·12	...	·02	...	2·62
21	...	·10	...	...	·10	·26	...	...	...	·28	...	...	...	·30	·10	·10	·02	...	·01	·12	...	·19	·03	·02	·50	...	·01	...	...	...	·12	...	...	·18	·02	·18	...	·04	·18	·12	·50	·13	...	...	3·61
22	...	·20	...	...	·18	...	...	...	...	·09	·08	...	·01	·17	·40	·30	·01	...	...	...	·08	...	...	...	·06	...	...	·08	·03	...	·18	...	·26	·11	·50	·25	...	·05	...	...	·10	·06	...	...	3·20
23	...	·38	...	...	·01	...	...	·02	...	·33	·22	...	·10	...	·02	·23	·36	...	...	...	1·21	...	·22	·16	·04	·08	...	...	...	...	·04	·01	...	...	...	·01	...	·06	·06	...	·06	·01	...	...	3·63
24	·17	·07	...	...	·08	...	...	·09	...	...	...	...	·75	·06	·36	·25	·06	...	...	...	·01	...	...	...	·12	...	·01	·14	...	...	·20	·12	...	...	·80	·49	·16	·10	...	...	·05	...	...	...	4·09
25	·18	...	...	...	...	·07	...	·02	...	...	...	...	·01	·03	·04	·30	·26	...	...	·01	...	...	·10	...	...	·06	·01	·02	...	...	·05	·14	...	...	·01	·19	·06	...	·01	...	·02	...	·28	...	1·87
26	·40	·43	...	·04	...	·02	...	·01	·14	·69	...	·01	·01	...	·16	·27	·08	...	...	...	·05	...	·24	...	·72	...	...	...	...	...	·27	...	...	1·68	·24	...	·05	...	...	...	·16	...	·42	...	6·09
27	...	...	·46	·05	·15	·23	...	...	...	·07	·04	...	·55	·01	...	·57	·27	...	...	·02	·24	...	·01	·09	·49	·01	·63	...	...	...	·61	·12	...	·01	·14	...	...	...	...	...	·04	...	·01	...	4·82
28	...	...	·45	...	...	·45	...	·12	...	...	·52	...	...	·01	·30	·15	...	...	·05	...	·09	...	·80	·07	...	...	·29	·02	...	·32	·13	·04	...	·19	·09	·17	1·44	·23	...	...	...	...	·26	...	6·19
29	...	·13	·34	...	...	...	·09	·01	...	...	·33	...	·02	...	·01	·35	·04	·24	·01	·06	·01	...	·27	·46	·29	...	·02	·25	...	·08	·02	...	·03	·01	·01	...	·36	...	...	...	·01	...	·18	·02	3·65
30	...	...	·05	...	...	·58	·02	...	...	·02	·24	·02	...	...	...	·11	·01	·01	...	·01	...	...	·09	·37	·01	·14	·13	·20	·01	·10	·02	·01	...	·20	...	...	·04	·30	...	...	...	...	·25	·32	3·26
Sums	3·71	3·37	4·03	3·71	3·21	4·19	1·12	1·55	0·83	4·60	3·81	0·91	2·08	3·92	2·45	3·71	3·39	0·98	1·31	1·77	1·76	1·66	2·20	2·49	2·36	0·42	3·54	2 41	0·58	1·15	1·99	3·52	1·05	4·05	2·82	1·78	2·74	3·47	2·81	0·58	4·04	2·31	1·88	3·72	109·98

TABLE X.

Showing the Fall of Rain on every day in October during the years 1826 1869 at the Gardens of the Royal Horticultural Society at Chiswick.

OCTOBER.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840
1	·12	·45	·05	...	...	·03	·53	...	...	·53	·39	...	·01	...	...
2	...	...	...	·08	·04	·01	·02	...	...	·23	·48	·03	...	·12	...
3	...	...	...	·44	...	·30	·06	...	...	·21	·04	...	...	·21	...
4	...	...	·08	·11	...	·08	·20	...	...	·01	...	...	...	·27	·02
5	...	...	·50	·07	...	...	·57	...	...	...	·04	·29	...	...	·07
6	...	...	·03	...	...	·06	·26	...	...	·06	·78	·09	...	...	...
7	...	...	·11	·58	...	...	·41	...	...	...	·14	...	...	...	...
8	·18	·20	...	...	...	·63	·02	...	...	·10	·25	...	...	...	...
9	...	·14	...	...	...	·10	·07	...	...	·52	·09	...	...	·23	...
10	·31	·68	...	...	...	...	...	...	...	·01	·36	...	...	·07	...
11	·05	·08	...	...	...	·22	...	·01	...	...	·01	...	...	·31	...
12	...	...	...	...	·02	1·00	·12	·20	...	·14	·20	...	·02	·01	...
13	...	...	...	·07	...	·06	·02	·10	...	·02	·03	...	·02	...	...
14	...	...	...	...	...	·05	...	·50	·12	...	·02	...	·20	·02	...
15	...	...	...	...	...	·02	·04	·06	...	...	·06	...	...	...	...
16	·12	...	...	...	...	...	...	·10	·04	...	...	...	...	...	·02
17	...	...	...	...	...	...	...	...	·17	...	...	...	...	·14	...
18	...	...	...	...	·02	...	·08	·13	...	...	·13	·04	...	·06	·12
19	...	·60	...	...	·01	...	·14	...	·02	...	·01	...	...	...	...
20	...	...	...	·05	...	·10	...	·03	·04	·13	...	...	·02	...	...
21	...	...	...	·11	...	...	...	·33	...	·06	...	...	...	...	·01
22	·27	·47	...	...	·07	·15	...	·66	·01	·20	...	·02	...	·01	·02
23	·40	...	·34	...	...	·11	...	...	·03	·26	·01	·36	...	·24	·27
24	...	·06	...	...	·05	...	...	...	...	·01	·01	·30	...	·30	·16
25	·30	·14	...	...	·59	·17	...	...	...	·67	...	·10	...	...	...
26	...	...	·03	...	·05	·52	...	·01	...	·02	...	...	...	...	·28
27	·24	·18	·04	·03	·01	·16	·11	·17	...	...	·15	·09	·80	·02	·12
28	...	1·06	...	...	·11	·04	·03	·01	...	·25	...	·49	·49	...	·10
29	·04	...	...	...	...	...	·17	...	...	...	·42	·04	...	·12	·12
30	·08	...	...	·06	...	...	...	...	...	·58	...	·20	·50	...	·03
31	·03	...	...	...	·01	...	·24	·06	...	·04	...	·34	·30	·10	·01
Sums	2·14	4·06	1·18	1·60	0·98	3·81	3·09	2·37	0·43	4·05	3·62	2·39	2·36	2·23	1·35

Day of the Month	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
1	·20	...	·11	...	·03	...	...	...	·02	·08	·35	·02	...	·01	·02
2	...	...	·01	...	·07	·44	...	·03	·12	·02	·14	·03	...	...	·12
3	·13	...	·01	...	·17	...	...	·04	1·01	·02	·06	...	...	...	·36
4	·36	...	...	...	...	·08	...	·01	·07	...	·25	1·06	·33	...	·70
5	·22	...	...	·22	...	·10	...	...	·02	...	·18	·10	·32	·01	·82
6	·04	...	·19	...	·22	·20	·15	...	·46	·15	...	·06	·08	·52	·11
7	·04	...	·06	...	·01	·16	·22	...	·02	...	·09	...	·12	...	·03
8	·03	...	·22	...	·01	·13	·03	...	...	...	...	...	·46	·03	·09
9	·03	...	·11	·01	·35	·20	·22	·06	...	·02	·13	·05	...	...	...
10	·21	...	·40	·07	·43	·12	·02	...	...	·06	...	...	·05	·13	·02
11	·34	...	·14	...	·09	·26	·03	...	...	·02	...	...	·12	...	·25
12	·24	...	·09	·03	...	·07	...	·01	·02	...	...	...	·19	...	·33
13	·04	...	...	·33	...	·01	...	·02	·06	...	·04	...	·08	...	·01
14	·02	...	...	·42	...	·50	·01	·14	...	...	·03	...	·16	·06	·01
15	·50	...	...	1·04	·01	·69	·01	·21	...	...	·34	...	·04	·16	·09
16	·04	...	·52	·02	...	·40	·01	·04	·05	...	...	...	·32	...	·56
17	·01	...	·06	...	...	·18	·01	·02	·02	...	...	...	·31	·04	·10
18	·42	·40	...	...	...	·85	·08	·04	...	...	·01	...	...	...	...
19	...	·02	...	·03	...	·08	·07	·01	...	...	·01	...	·36	·03	...
20	·04	...	·25	·03	...	·25	·20	·34	·12	...	...	...	...	·61	...
21	...	...	·01	·64	...	·37	·01	·10	·08	...	...	·26	·08	·04	·01
22	·01	·50	·11	·04	...	...	·01	·12	...	·11	...	·14	...	...	...
23	·21	·07	...	·04	...	·22	·44	·56	...	·46	...	·18	...	...	...
24	...	...	·34	·88	...	·12	·01	·15	...	·21	...	·65	...	·52	...
25	·01	·72	...	·03	...	·08	...	·02	·06	...	...	·55	...	·44	·38
26	·11	...	...	...	...	...	...	·08	·01	...	...	·33	·20	...	·28
27	·92	...	·17	...	...	·01	·22	·39	·04	·26	...	·06	·36	...	...
28	·10	...	...	...	...	...	...	·34	...	·02	·33	·02	·20	...	·03
29	·09	...	·26	·28	...	·01	...	·01	...	...	·02	·22	...	...	·63
30	·06	...	·25	·02	...	...	...	·07	...	·04	·01	·14	...	...	·98
31	·19	...	·88	...	...	·01	...	·12	...	·08	·02	...	...	·01	·22
Sums	4·61	1·71	4·19	4·13	1·39	5·54	1·75	2·93	2·18	1·55	2·01	3·87	3·78	2·61	6·15

Day of the Month	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Sums
1	...	...	...	...	...	·14	·02	·18	·02	...	...	...	...	·04	3·35
2	...	...	...	...	...	...	·02	·03	...	...	...	...	...	·24	2·28
3	·10	...	...	...	...	...	...	...	...	...	...	...	...	...	3·16
4	·11	·02	·07	...	...	...	...	·01	...	...	...	...	·52	...	4·36
5	·03	·08	·18	...	...	·03	...	·03	...	...	·01	...	...	...	3·89
6	·06	...	·01	...	...	·05	·05	...	...	...	...	·15	...	...	3·78
7	·36	·32	·24	·18	...	·01	...	·20	...	·06	...	·04	...	...	3·40
8	·50	·55	...	·10	·01	·01	...	·01	...	·14	...	·01	...	...	3·71
9	...	·04	...	·21	·01	·02	...	·06	·03	·79	...	·30	...	...	3·79
10	·30	·20	·09	·04	·36	·18	·60	·03	...	·58	...	...	...	...	5·32
11	·12	·02	...	·05	·16	·11	·15	...	...	·10	...	·15	...	...	2·79
12	·02	...	·02	·10	·10	...	·17	·04	...	...	...	·02	...	·12	3·28
13	...	...	·05	·01	·06	...	·04	·07	...	...	·06	·05	...	...	1·25
14	·20	...	...	...	·01	...	...	·02	...	·04	...	·04	...	...	2·57
15	·21	...	...	·14	·28	...	·05	·14	·06	...	...	·20	...	...	4·35
16	·06	...	...	·34	·29	·01	...	·01	·02	·58	...	...	·16	·20	3·91
17	...	·04	·22	·01	·01	...	·16	...	·06	...	·14	·04	...	·04	1·78
18	...	·21	·10	...	·18	...	·70	...	...	·78	·78	·08	...	·37	5·58
19	...	·03	·14	·03	·01	...	·55	·01	·03	·18	...	·01	...	...	2·38
20	...	...	...	·06	...	...	...	·02	·28	·12	·02	...	·20	...	2·91
21	...	·36	...	...	...	·06	·12	...	·30	·20	...	...	...	...	3·15
22	...	1·96	...	...	...	·28	·06	...	·01	·80	·30	...	...	...	6·33
23	·01	...	...	...	·04	·02	...	...	...	·04	·01	...	·08	·08	4·48
24	...	...	...	...	·01	...	·01	...	...	·10	·42	...	·48	...	4·79
25	...	...	...	·80	·04	...	·08	...	...	·13	·12	...	·15	...	5·58
26	...	...	...	·04	·02	...	·05	...	·59	·72	·01	...	...	...	3·35
27	...	...	...	...	...	...	·03	...	·02	·07	·06	·17	...	...	4·90
28	·01	·02	·24	·20	·01	...	·07	·14	...	·04	·01	·02	·34	...	4·72
29	·01	·04	...	...	...	...	·02	·10	...	·12	...	·01	...	·06	2·79
30	·02	·12	...	·24	...	...	·05	·46	...	·53	·06	·06	...	·02	4·58
31	·28	...	...	...	...	·12	...	...	...	·13	...	·06	...	...	3·25
Sums	2.40	4·01	1·36	2·55	1·60	1·04	3·00	1·56	1·42	6·25	2·00	1·41	1·93	1·17	115·76

TABLE XI.

Showing the Fall of Rain on every day in November during the years 1826–1869 at the Gardens of the Royal Horticultural Society at Chiswick.

NOVEMBER.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	·06	...	...	...	...	·14	·02	...	...	...	·07	·12	·12	·14	·30	·10	...	·02	·38	...	...	·01
2	...	...	...	...	...	...	·06	...	...	·28	·02	·05	·04	·30	...	...	...	·18	·49	...	...	·02
3	·82	...	...	...	·11	·04	·02	...	...	·04	·22	·02	...	·28	·02	...	·03	...	...	...	...	·01
4	·44	...	...	·34	·01	...	·04	...	·02	...	·14	...	·06	·11	·16	...	·01	...	...	...	·02	...
5	·23	...	...	...	·08	...	...	·10	·18	...	...	...	...	·01	·23	...	·01	·02	·03	...	·01	...
6	·03	...	...	...	·76	·09	·01	...	·52	...	...	...	·26	·09	·48	...	·01	·10	...	·05	...	·24
7	...	·08	...	...	·05	·02	...	1·02	·03	·20	...	...	·02	·10	·10	...	·01	·17	·06	·06	...	...
8	...	...	...	...	...	...	·02	...	·31	...	·05	...	·30	·05	·20	·01	...	·03	·58	·01	...	·10
9	...	...	...	...	...	...	...	...	·24	...	·28	·03	·10	·01	·10	...	·04	·07	...	·03	...	...
10	·05	...	...	·51	·67	·18	·39	...	·01	...	·30	...	...	·55	·01	...	·03	·03	·34	·04	...	...
11	...	...	...	·28	...	...	·08	·03	...	...	·10	...	...	...	·30	·40	·37	...	·16	·13	...	·10
12	...	...	...	·04	...	...	·03	...	...	·05	·14	...	...	...	·35	·06	·40	...	·50	·01	...	·02
13	·66	·10	...	·02	·09	·01	...	·02	...	·02	·17	·30	...	...	·22	·27	·29	·05	·38	...	...	...
14	...	·22	·22	...	·27	·08	·14	...	...	·04	...	·07	...	·04	...	·04	·67	·03	·12	...	...	·01
15	...	·06	·10	·06	...	·01	·02	...	...	...	...	...	...	·04	·11	·04	·32	·07	...	·06	...	...
16	·15	·12	·27	...	·41	·34	...	...	...	...	·03	...	...	...	...	...	·02	...	...	·11	...	·09
17	...	...	...	...	·03	...	...	·02	...	...	·08	...	·32	·26	·40	·12	...	·11	...	·17	·02	·01
18	·06	·04	·15	...	·02	·25	·02	...	...	...	...	·01	·40	·36	·41	·12	...	·01	...	·03	·06	...
19	·08	...	...	...	·01	·01	...	...	...	...	·05	·22	·10	·08	·01	·24	·87	·10	...	·09	...	...
20	...	...	...	...	·12	·04	...	...	...	...	...	·01	...	...	·02	·18	...	...	...	·33	·06	...
21	...	...	...	...	·23	·35	...	...	·06	...	·08	·04	·13	·32	·16	·30	·32	·02	·02	·36	·37	·01
22	...	...	·03	·08	·04	·02	...	·02	...	·20	·16	·01	·02	...	·01	·21	·17	·62	...	...	·04	·01
23	·06	...	...	·03	...	...	...	...	...	...	...	·13	...	·05	...	...	·11	·01	...	...	·07	·18
24	...	...	...	·41	...	...	·18	·61	...	...	...	...	...	·01	...	...	·32	·08	...	...	·50	...
25	...	...	...	·05	...	·01	·24	...	...	·09	·16	...	...	·12	...	...	·12	·34	...	·06	·27	·04
26	...	...	·24	...	...	·01	...	...	...	·15	·16	·25	...	...	...	·02	·01	·01	...	...	·01	·54
27	...	...	...	·01	·13	...	·11	·03	...	·49	·07	...	·04	·88	...	·11	·24	...	...	...	...	·17
28	·20	·32	...	...	...	...	·26	·53	·12	·02	·45	...	1·21	·06	...	·60	·04	...	...	·04	...	·64
29	·05	...	·11	·03	·02	...	...	...	...	·34	·56	...	·43	·37	...	·54	·01	...	...	·51	...	·02
30	...	·12	...	...	...	·10	·30	...	·26	·02	·31	·06	...	·04	...	·05	·01	·06	...	·02	...	·04
Sums	2·89	1·06	1·12	1·86	3·05	1·70	1·94	2·38	1·75	1·94	3·60	1·32	3·55	4·27	3·59	3·41	4·43	2·13	3·06	2·11	1·43	2·26

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Sums
1	·03	...	·07	·02	·02	...	...	...	·01	·01	...	·20	...	·11	·01	·58	...	·02	·04	...	·08	...	2·68
2	...	...	...	·01	·61	...	...	·49	...	·01	...	·05	...	·13	...	·08	...	·26	·01	...	...	...	3·09
3	...	...	·02	·06	·16	·02	...	·03	...	·56	...	·13	...	·02	...	...	...	...	·03	...	...	·08	2·72
4	...	·02	·05	·02	·01	...	...	·01	...	·22	...	·23	...	·06	...	·27	...	...	·02	...	·20	...	2·46
5	·01	...	...	·02	·05	·10	...	...	...	...	·01	·62	...	·69	·62	·04	·01	...	...	...	...	·20	3·27
6	...	...	...	...	·05	...	...	·02	...	·03	...	·03	·01	·07	·14	...	...	...	...	...	...	...	2·99
7	...	·05	·02	...	·15	...	...	·02	...	...	...	...	...	...	...	·09	...	·06	·01	...	...	...	2·32
8	...	...	·01	·07	...	...	·01	·56	·15	...	...	...	...	...	·01	·20	...	...	·30	...	...	...	2·97
9	...	...	...	·14	...	...	·04	·02	·01	...	...	...	·06	·40	·08	...	...	·01	...	...	...	·04	1·70
10	·01	...	...	·01	·06	...	·01	...	·01	·01	...	...	·04	·30	...	·08	...	...	·31	...	·01	...	3·96
11	·01	...	...	...	1·02	...	·03	...	·07	...	...	...	...	·01	...	...	...	...	...	...	...	...	3·09
12	·04	...	...	·02	·13	·03	...	...	...	·01	...	...	...	·08	...	...	...	...	·06	...	...	...	1·97
13	...	·18	...	...	·22	...	...	...	·04	·01	...	...	·17	1·16	...	...	·09	...	·14	...	...	...	4·61
14	...	·19	...	...	1·24	...	·09	...	...	·05	...	...	·57	·03	...	...	...	...	...	·08	·02	...	4·22
15	...	·08	...	...	·34	·11	:34	...	·02	...	...	...	...	...	...	...	·01	·04	·02	...	...	·14	1·99
16	...	...	·06	...	·12	...	·02	...	...	...	...	...	·25	...	...	...	...	·03	...	...	...	...	2·02
17	·04	...	·04	...	·11	...	·08	...	·02	...	...	...	·38	...	...	...	·22	·24	...	...	...	...	2·67
18	·03	·05	·56	...	...	...	...	·06	·08	...	...	...	·02	...	...	...	...	...	·14	...	...	...	2·88
19	...	...	·06	...	·24	...	...	·05	·02	...	...	...	...	...	...	...	...	·25	...	...	...	...	2·48
20	·09	...	·12	...	·35	·16	...	·01	·01	...	...	...	...	...	...	...	...	·10	...	...	...	...	1·60
21	·03	...	·01	...	·10	...	·17	·02	...	...	...	...	·41	·03	...	·16	·21	·10	...	...	·40	·02	4·43
22	·01	...	·22	...	·04	...	...	·01	...	...	...	...	...	·80	...	·04	·03	·13	·04	...	·28	·26	3·50
23	·04	·36	·26	·18	·18	...	...	...	...	·36	...	·02	...	...	...	·06	·95	...	·01	...	...	...	3·06
24	...	...	·46	...	...	·12	...	·02	...	·12	··	...	...	...	...	·08	...	·01	·01	...	...	...	2·93
25	·05	...	·04	...	·22	·26	...	...	...	·02	·01	...	·03	·08	...	...	·10	·07	...	...	·08	...	2·46
26	·38	...	·02	...	·70	·05	...	...	·49	·10	·02	·26	·34	...	·06	...	·01	·04	·01	·02	...	...	3·90
27	...	...	·01	...	...	...	...	·01	·01	...	·04	·62	...	·09	·02	...	·02	·03	·01	...	...	1·04	4·18
28	...	...	...	...	·08	...	·24	·01	...	·02	...	...	·02	...	...	...	·02	·29	...	...	...	...	5·17
29	·12	·16	...	...	...	·05	·06	...	...	...	...	·56	·18	·04	...	...	...	·02	...	...	...	·40	4·58
30	·01	·23	...	...	...	·01	·22	...	...	...	·02	...	·12	...	·07	...	·27	...	...	·29	...	...	2·63
Sums	0·90	1·32	2·03	0·55	6·20	0·91	1·31	1·34	0·94	1·53	0·10	2·72	2·60	4·10	1·01	1·68	1·94	1·70	1·16	0·39	1·07	2·18	92·53

TABLE XII.

Showing the Fall of Rain on every day in December during the years 1826–1869 at the Gardens of the Royal Horticultural Society at Chiswick.

DECEMBER.

Day of the Month	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836
1	·25	...	...	...	...	...	·06	·05	·02	...	...
2	...	·12	...	...	·11	·01	·19	·01	...	·02	·04
3	...	·14	...	...	·01	...	·02	...	...	·02	·06
4	...	·02	...	...	·04	...	·02	·13	...	·02	·14
5	·18	·04	...	...	...	·02	·18	·13	...	...	·02
6	·21	...	·09	...	...	·02	·01	·15	·01	·01	...
7	·14	·02	·43	...	·01	·37	...	·03	·14	...	·52
8	...	...	·34	...	·30	·36	·01	·16	...	·11	·04
9	·24	·08	...	...	·18	·31	...	·04	·19	...	·02
10	·20	...	·05	...	...	·04	·03	·01	...	...	...
11	...	·62	...	...	...	·12	...	·06	...	...	·17
12	·07	·15	...	...	...	·26	...	...	...	...	·14
13	·10	·06	...	...	...	·07	...	...	...	...	...
14	·09	·32	...	...	...	...	·03	·01	...	...	·02
15	·06	·26	...	...	·10	·07	·50	·06	...	...	·16
16	...	·09	·45	...	·18	·22	·02	·12	...	·01	...
17	...	·12	·09	...	·04	·28	·10	·11	·04	...	·01
18	...	·20	·05	·13	·02	...	...	·12	...	·06	...
19	...	·25	...	...	...	...	...	·14	...	...	·05
20	·23	·02	...	...	...	·10	...	·76	...	...	...
21	...	·06	...	...	...	...	·01	·06	...	...	...
22	...	·36	·02	...	·05	·04	·02	·11	...	...	·09
23	...	·03	·07	...	...	...	·07	1·13	...	...	...
24	...	·10	·09	...	...	...	...	·26	...	...	...
25	...	...	...	...	...	...	·22	...	...	...	...
26	...	·02	...	...	...	·06	...	·20	...	...	...
27	...	...	...	...	·40	...	...	·21	...	...	...
28	...	...	·06	...	·10	·02	·06	·05	...	...	...
29	...	·01	...	·02	...	...	·15	·03	·03	...	...
30	...	...	...	...	...	·01	·06	·05	·07	...	...
31	...	...	·03	...	...	...	·12	·10	·24	...	...
Sums	1·77	3·09	1·77	0·15	1·54	2·38	1·88	4·29	0·74	0·25	1·48

Day of the Month	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847
1	...	·22	...	...	·08	·01	...	...	·02	...	...
2	...	·51	...	...	·12	...	·02	...	·30	...	...
3	...	·02	...	...	·17	...	·01	...	·04	...	·11
4	...	...	...	...	·13	...	·01	...	·39	...	·28
5	...	·01	...	...	·14	...	·02	...	...	·11	·12
6	·08	·20	·01	...	·30	...	...	...	·01	...	·17
7	·15	·09	...	...	·15	·01	·01	...	...	...	·01
8	·01	...	...	·10	·01	...	...	...	·06	...	·16
9	·01	...	...	...	·15	...	·08	...	...	·07	·03
10	...	...	...	...	·07	...	...	...	...	·08	·01
11	...	...	·09	...	·09	·32	...	...	...	...	...
12	·02	...	·10	...	·17	·01	·01	...	...	...	...
13	...	...	·16	...	·08	...	·01	...	...	...	...
14	...	...	...	...	...	...	...	...	·02	...	...
15	...	...	·09	...	·10	...	...	·03	·02	...	·01
16	·12	...	...	...	...	·06	·04	...	...	...	...
17	·37	...	·28	...	...	...	...	...	·05	...	·03
18	·11	...	...	...	...	...	...	·05	·33	·22	·34
19	·38	...	·27	·19	...	·01	...	·01	·17	·04	·01
20	·10	...	·06	...	...	·01	...	...	·03	·07	...
21	...	...	·20	...	...	·01	...	...	·10	·11	...
22	...	·30	·06	...	·02	...	...	...	·20	·37	...
23	...	·03	·47	...	·06	·09	·01	...	·01	·10	·05
24	...	·01	·01	...	·12	...	...	...	...	·04	...
25	...	...	...	...	·06	...	·01	...	·01	...	...
26	...	·20	·39	...	·01	·20	...	...	...	...	·01
27	...	...	·13	...	·02	·01	·03	...	·17	...	...
28	...	...	...	...	·02	...	...	·15	·16	...	...
29	...	·08	...	...	·05	...	...	·15	·06	...	·17
30	...	·05	...	·16	...	...	·02	...	·02	...	·30
31	...	...	...	...	...	·02	·30	...	·44	...	...
Sums	1·35	1·72	2·32	0·45	2·12	0·76	0·58	0·39	2·61	1·21	1·81

Day of the Month	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858
1	·19	·12	·01	...	·05	...	...	·03	...	·02	·02
2	·02	·46	...	...	...	...	...	·04	...	...	·02
3	·01	·06	...	...	...	·02	...	·02	·26	·04	·01
4	·19	...	·06	...	...	...	...	·01	·12	...	...
5	·01	·10	·02	·02	·25	·01	·04	...	·04	...	...
6	·05	...	...	...	...	...	...	...	·02	·02	·01
7	·15	·10	...	...	·19	...	...	...	·03	...	...
8	·01	·01	...	...	·08	·01	·01	...	·03	...	·01
9	...	...	...	...	·01	·02	·04	...	·15	...	...
10	·01	...	...	...	·03	...	...	...	·33	...	...
11	...	...	...	...	...	...	...	...	·19	...	...
12	...	...	·02	...	·20	...	·03	...	·44	...	·10
13	...	·02	·05	...	·12	...	·02	...	·02	...	...
14	·14	·09	·21	...	·25	...	·01	·07	·01	...	...
15	·22	·09	·30	...	·03	·20	·09	...	...	...	·01
16	·68	...	·06	·01	·27	...	...	...	...	·10	...
17	·01	...	·02	...	·01	...	·10	...	...	...	...
18	·01	·11	·19	...	...	...	·14	...	·07	·04	·62
19	·01	·03	·12	·01	·01	...	·36	...	...	...	·09
20	...	...	...	·02	...	...	·08	...	...	·07	·04
21	...	·02	·02	·15	...	...	·12	...	...	·01	·03
22	...	...	...	·31	·04	...	·06	·10	...	...	·01
23	...	...	...	...	·03	·04	·05	·07	...	...	·04
24	·02	·02	...	...	·09	...	·06	·30	·17	...	·01
25	...	·01	...	...	...	...	·04	·19	...	...	·25
26	...	·02	...	...	·29	...	...	·26	...	...	·17
27	·30	...	...	·02	...	...	·01	·01	...	...	·05
28	...	...	...	·08	...	...	...	...	...	...	·02
29	...	·02	...	...	·02	...	·01	·01	...	...	...
30	...	...	·02	...	...	...	...	...	...	...	·01
31	...	...	·05	...	...	...	...	...	...	...	·01
Sums	2·03	1·28	1·15	0·62	1·97	0·30	1·27	1·11	1·88	0·30	1·53

Day of the Month	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Sums
1	·02	·01	...	...	·25	...	·02	·20	·30	·02	...	1·97
2	...	·01	...	...	·63	·02	...	·08	...	...	...	2·73
3	·01	·12	...	·03	...	·02	·02	·10	...	·06	...	1·38
4	·26	·07	...	·01	...	...	...	·14	·10	·14	...	2·28
5	·12	·02	...	·05	·07	...	...	·48	·10	·04	...	2·34
6	·26	·06	·46	·17	...	...	...	·16	·14	·28	...	2·90
7	...	·11	...	·16	...	·02	·22	...	...	·36	...	3·42
8	...	·34	·23	...	·05	·06	...	...	...	·14	...	2·64
9	...	...	...	·34	·03	...	...	·06	...	...	...	2·05
10	...	...	·01	...	...	...	...	·02	...	·02	...	0·91
11	...	...	·06	·18	...	...	...	·12	...	...	·30	2·32
12	...	·01	·04	...	...	·02	...	·04	...	...	·04	1·87
13	...	...	·06	·14	...	·02	...	·20	...	...	·02	1·15
14	...	...	...	...	...	...	...	...	·06	·12	·30	1·75
15	...	·02	·07	...	...	...	...	·15	·16	·36	...	3·16
16	...	·04	...	...	...	...	...	·01	...	·10	·60	3·18
17	...	·01	...	·08	...	...	...	·01	·04	·22	·06	2·08
18	...	...	...	...	...	...	...	...	...	·20	·06	3·07
19	...	...	...	...	...	...	...	...	...	...	...	2·15
20	...	...	...	...	...	·10	·01	...	...	·16	·30	2·16
21	...	...	...	·01	·05	...	...	...	·12	·14	·40	1·62
22	...	...	...	·11	·02	...	...	·01	...	·38	...	2·68
23	·25	·02	...	·01	...	...	...	...	...	·32	...	2·95
24	·08	...	...	·01	...	...	...	·01	...	·02	...	1·42
25	·45	...	...	...	...	...	...	...	...	...	...	1·24
26	...	...	...	...	·03	...	·01	·10	...	·54	...	2·51
27	·10	·13	...	...	...	...	...	...	...	·04	...	1·63
28	·21	...	...	...	...	...	·16	...	...	·04	...	1·13
29	·08	·62	...	·18	...	...	·11	·04	...	·60	...	2·44
30	·09	·18	·01	·01	...	...	·08	...	...	·56	...	1·70
31	·02	·26	...	...	·13	·08	·29	...	...	...	·36	2·45
Sums	1·95	2·03	0·94	1·49	1·26	0·34	0·92	1·93	1·02	4·86	2·44	67·28

857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Sums
·02	·02	·02	·01	...	...	·25	...	·02	·20	·30	·02	...	1·97
...	·02	...	·01	...	...	·63	·02	...	·08	...	...	...	2·73
·04	·01	·01	·12	...	·03	...	·02	·02	·10	...	·06	...	1·38
...	...	·26	·07	...	·01	...	...	...	·14	·10	·14	...	2·28
...	...	·12	·02	...	·05	·07	...	...	·48	·10	·04	...	2·34
·02	·01	·26	·06	·46	·17	...	...	...	·16	·14	·28	...	2·90
...	...	...	·11	...	·16	...	·02	·22	...	...	·36	...	3·42
...	·01	...	·34	·23	...	·05	·06	...	...	...	·14	...	2·64
...	...	...	...	...	·34	·03	...	...	·06	...	...	...	2·05
...	...	...	...	·01	...	...	...	...	·02	...	·02	...	0·91
...	...	...	...	·06	·18	...	...	...	·12	...	...	·30	2·32
...	·10	...	·01	·04	...	...	·02	...	·04	...	...	·04	1·87
...	...	...	...	·06	·14	...	·02	...	·20	...	...	·02	1·15
...	...	...	...	...	...	...	...	...	...	·06	·12	·30	1·75
...	·01	...	·02	·07	...	...	...	...	·15	·16	·36	...	3·16
·10	...	...	·04	...	...	...	...	...	·01	...	·10	·60	3·18
...	...	...	·01	...	·08	...	...	...	·01	·04	·22	·06	2·08
·04	·62	...	...	...	...	...	...	...	...	...	·20	·06	3·07
...	·09	...	...	...	...	...	...	...	...	...	...	...	2·15
·07	·04	...	...	...	...	...	·10	·01	...	...	·16	·30	2·16
·01	·03	...	...	...	·01	·05	...	...	...	·12	·14	·40	1·62
...	·01	...	...	...	·11	·02	...	...	·01	...	·38	...	2·68
...	·04	·25	·02	...	·01	...	...	...	...	...	·32	...	2·95
...	·01	·08	...	...	·01	...	...	...	·01	...	·02	...	1·42
...	·25	·45	...	...	...	...	...	...	...	...	...	...	1·24
...	·17	...	...	...	...	·03	...	·01	·10	...	·54	...	2·51
...	·05	·10	·13	...	...	...	...	...	...	...	·04	...	1·63
...	·02	·21	...	...	...	...	...	·16	...	...	·04	...	1·13
...	...	·08	·62	...	·18	...	...	·11	·04	...	·60	...	2·44
...	·01	·09	·18	·01	·01	...	...	·08	...	...	·56	...	1·70
...	·01	·02	·26	...	...	·13	·08	·29	...	...	...	·36	2·45
0·30	1·53	1·95	2·03	0·94	1·49	1·26	0·34	0·92	1·93	1·02	4·86	2·44	67·28

A glance at these Tables shows in every month the periods of long-continued absence of rain, and of long periods of continuous rain.

The following are instances of very little or no rain for a fortnight together or more :—

In January,	1826, 1827, 1829, 1830, 1838, 1850, 1861.
„ February,	1827, 1855, 1858, 1862.
„ March,	1828, 1829, 1847, 1850, 1858.
„ April,	1826, 1834, 1840, 1842, 1852, 1855, 1861, 1863, 1864.
„ May,	1829, 1833, 1834, 1836, 1838, 1848, 1866.
„ June,	1826, 1835, 1842, 1846, 1849, 1865, 1867, 1868.
„ July,	1827, 1832, 1835, 1860, 1863, 1866, 1869.
„ August,	1826, 1833, 1834, 1835, 1853, 1857, 1864, 1869.
„ September,	1832, 1846, 1850, 1851, 1865, 1868.
„ October,	1828, 1842, 1845, 1868.
„ November,	1844, 1851, 1858, 1859, 1862, 1867.
„ December,	1829, 1834, 1835, 1838, 1840, 1844, 1851, 1853, 1855, 1859, 1861, 1864, 1865.

Thus there have been in the forty-four years—

7 such instances in		January.	7 such instances in		July.
4	„	February.	8	„	August.
5	„	March.	6	„	September.
9	„	April.	4	„	October.
7	„	May.	6	„	November.
8	„	June.	13	„	December.

The month in which long periods without rain have been most frequent is December, and those in which long periods have been least frequent are February and October.

The longest intervals without rain in each month are as follows :—

In January,	1838	26 days.
„ February,	1827	24 „
„ March,	1829	27 „
„ April,	1834	24 „
„ May,	1833	28 „
„ June,	1865	24 „
„ July,	1869	27 „
„ August,	1864	19 „
„ September,	1865	19 „
„ October,	1842	17 „
„ November,	1867	25 „
„ December,	1829	28 „

Of periods of 14 days or more without rain running from one month into another, and therefore in addition to the above instances, there are 24; the largest of these is 32 days in 1846, May 21 to June 21; the next in order is 30 days in 1826, June 8 to July 7, and 1850, February 21 to March 22.

The following are instances of long-continued rain, or rain falling every day for a fortnight together :—

In January, 1834 and 1846.
„ February, 1833.
„ March, 1836.
„ April, 1829 and 1867.
„ May, 1843.
„ June, 1852, 1860, 1862.
„ July, 1867.
„ August, 1832 and 1860.
„ September, 1829, 1830, 1835, 1860, and 1866.
„ October, 1836, 1841, 1846, 1848, 1855, 1865.
„ November, 1842, 1852.
„ December, 1827, 1833.

Thus, once only in the four months of February, March, May, and July has rain fallen consecutively for so long a period as 14 days. Of the remaining months there are five distinguished by two such cases in 44 years, viz., January, April, August, November, and December, and there are three such cases in June, five in September, and six in October.

Of other instances of 14 days or more of continuous rain running from one month into the next, there are seven cases, viz., in 1836, March 22 to April 9; 1843, May 14 to June 10; 1836, September 27 to October 15; 1841, September 21 to October 18; 1855, September 28 to October 17; 1840, October 26 to November 13; and 1841, November 26 to December 13. Of these the longest continuous rain was 28 days.

In looking over Tables I. to XII. it will be seen how, as a rule, the rain falls in gentle showers, and but seldom as very heavy rain. Falls of an inch in the day in the winter months are very unusual; in the 44 years there has been but one such fall in the months of January, March, and December, and there has not been a single instance in the month of *February*. The greatest fall in this month on one day was on the 25th day in the year 1849, when the amount was 0·92 inch. All the instances of an inch of rain in the day in the 44 years are as follows:—

		In.			In.
January	11, 1866	1·00	July	15, 1841	1·46
March	20, 1862	1·11	„	24, 1849	1·16
April	2, 1830	1·19	„	1, 1851	1·18
„	25, 1846	1·40	„	16, 1852	1·60
May	13, 1835	1·10	„	11, 1855	1·07
„	5, 1843	1·26	„	26, 1855	1·22
„	12, 1860	1·14	„	28, 1860	1·39
June	26, 1835	1·00	„	25, 1867	1·48
„	9, 1852	1·48	August	13, 1828	1·14
„	4, 1866	1·02	„	10, 1842	1·06
July	22, 1826	1·37	„	3, 1843	1·03
„	24, 1829	1·03	„	1, 1846	1·23
„	12, 1831	1·10	„	31, 1848	1·31
„	18, 1834	1·22	„	27, 1851	1·32
„	29, 1834	1·31	„	17, 1856	1·12

		In.			In.
August	10, 1865	1·08	October	3, 1849	1·01
September	9, 1827	1·09	„	4, 1852	1·06
„	10, 1828	1·27	„	22, 1857	1·96
„	1, 1831	1·50	November	7, 1833	1·02
„	23, 1846	1·21	„	28, 1838	1·21
„	26, 1859	1·68	„	14, 1852	1·24
„	28, 1862	1·44	„	13, 1861	1·16
October	28, 1827	1·06	„	27, 1869	1·04
„	12, 1831	1·00	December	23, 1833	1·13
„	15, 1844	1·04			

Thus there are two instances in April; three in May; three in June; thirteen in July; eight in August; six in September; six in October; and five in November.

The heaviest fall of all is 1·96 in. in *October*, 1857.

By taking the sums of all the numbers in Tables I. to XII., month by month, Table XIII. was formed, showing the monthly fall of rain for 44 years; and by taking the sums of all the numbers, day by day, Table XIV. was formed, showing the sums of every fall of rain on every day of the year for 44 years: and by taking the sums of the numbers in Tables XIII. and XIV. the accuracy of all this work is proved.

By looking over Table XIII. month by month we see that—

				In.
In January,	1855,	the fall of rain in the month was as	small as	0·10
„ „	1866,	„ „	large as	3·72
„ February,	1832,	„ „	small as	0·23
„ „	1833,	„ „	large as	3·98
„ March,	1850,	„ „	small as	0·13
„ „	1862,	„ „	large as	3·74
„ April,	1840,	„ „	small as	0·06
„ „	1829,	„ „	large as	4·49
„ May	1844,	„ „	small as	0·25
„ „	1843,	„ „	large as	5·26
„ June,	1849,	„ „	small as	0·31
„ „	1860,	„ „	large as	5·15
„ July,	1864,	„ „	small as	0·50
„ „	1834,	„ „	large as	6·34
„ August,	1835,	„ „	small as	0·18
„ „	1846,	„ „	large as	4·50
„ September,	1851,	„ „	small as	0·42
„ „	1835,	„ „	large as	4·60
„ October,	1834,	„ „	small as	0·43
„ „	1865	„ „	large as	6·25
„ November,	1858,	„ „	small as	0·10
„ „	1852,	„ „	large as	6·20
„ December,	1829,	„ „	small as	0·15
„ „	1868,	„ „	large as	4·86

Therefore, the smallest monthly fall of rain, viz., 0·06 in., took place in April, 1840, and the largest, 6·34 in., in July, 1834.

TABLE XIII.

Showing the Monthly Fall of Rain in Forty-four Years (1826–1869 inclusive).

Year	January	February	March	April	May	June	July	August	September	October	November	December	Sums
1826	0·27	1·71	1·62	0·88	2·39	0·38	2·07	2·00	3·71	2·14	2·89	1·77	21·83
1827	0·75	0·79	2·50	0·71	2·24	0·82	1·31	1·66	3·37	4·06	1·06	3·09	22·36
1828	3·71	0·94	0·59	2·44	1·40	1·94	4·38	4·35	4·03	1·18	1·12	1·77	27·85
1829	0·30	1·07	0·75	4·49	0·52	2·37	5·23	4·07	3·71	1·60	1·86	0·15	26·12
1830	1·54	1·31	0·18	2·84	2·47	2·62	1·46	3·05	3·21	0·98	3·05	1·54	24·25
1831	1·02	2·27	1·91	1·96	2·21	1·37	2·52	1·59	4·19	3·81	1·70	2·38	26·93
1832	1·32	0·23	1·50	0·95	2·16	2·89	0·89	3·62	1·12	3·09	1·94	1·88	21·59
1833	0·52	3·98	1·22	2·71	0·68	2·63	1·56	1·93	1·55	2·37	2·38	4·29	25·82
1834	2·87	0·37	0·86	0·65	1·19	1·63	6·34	2·73	0·83	0·43	1·75	0·74	20·39
1835	0·72	2·61	1·97	1·06	3·38	1·99	0·41	0·18	4·60	4 05	1·94	0·25	23·16
1836	2·01	1·61	3·30	2·88	1·01	1·66	1·78	1·97	3·81	3·62	3·60	1·48	28·73
1837	3·03	2·01	0·54	1·13	1·07	1·31	1·78	3·04	0·91	2·39	1·32	1·35	19·88
1838	0·27	2·22	0·86	0·52	0·92	3·65	2·19	1·23	2·08	2·36	3·55	1·72	21·57
1839	1·27	2·19	1·68	1·46	0·82	3·00	2·92	1·85	3·92	2·23	4·27	2·32	27·93
1840	2·48	1·25	0·28	0·06	2·18	1·48	1·68	1·62	2·45	1·35	3·59	0·45	18·87
1841	2·60	0·76	1·32	1·58	2·16	2·45	3·56	2·69	3·71	4·61	3·41	2·12	30·97
1842	1·06	1·32	1·81	0·15	1·73	1·58	1·52	2·81	3·39	1·71	4·43	0·76	22·27
1843	1·33	2·35	0·47	1·62	5·26	1·62	1·67	3·28	0·98	4·19	2·13	0·58	25·48
1844	2·25	2·27	2·44	0·33	0·25	0·97	2·10	1·81	1·31	4·13	3·06	0·39	21·34
1845	2·97	0·93	1·25	0·95	2·89	1·36	2·31	2·79	1·77	1·39	2·11	2·61	23·33
1846	2·85	1·47	1·09	3·93	1·35	0·80	1·78	4·50	1·76	5·54	1·43	1·21	27·71
1847	1·31	1·34	0·41	0·92	1·59	1·31	0·79	1·50	1·66	1·75	2·26	1·81	16·65
1848	1·16	3·12	3·05	3·06	0·28	3·20	2·21	4·70	2·20	2·93	0·90	2·03	28·84
1849	1·73	2·52	0·85	2·21	3·53	0·31	2·82	1·60	2·49	2·18	1·32	1·28	22·84
1850	1·43	0·95	0·13	1·79	1·84	1·40	2·68	0·97	2·36	1·55	2·03	1·15	18·28
1851	3·07	0·90	3·57	1·65	0·74	1·33	3 90	2·03	0·42	2·01	0·55	0·62	20·79
1852	2·72	1·06	0·25	0·52	1·74	4·69	2·28	3·71	3·54	3·87	6·20	1·97	32·55
1853	2·14	0·59	1·48	2·58	1·60	2·54	4·17	1·87	2·41	3·78	0·91	0·30	24·37
1854	1·92	0·78	0·42	0·30	4·03	1·53	2·40	1·77	0·58	2·61	1·31	1·27	18·92
1855	0·10	1·35	1·75	0·26	1·94	1·48	6·30	1·45	1·15	6·15	1·34	1·11	24·38
1856	1·76	0·62	0·97	1·97	4·38	0·88	1·43	3·50	1·99	2·40	0·94	1·88	22·72
1857	2·09	0·31	0·73	1·77	0·87	1·91	1·22	2·80	3·52	4·01	1·53	0·30	21·06
1858	0·41	1·48	0·88	2·13	2·05	0·78	2·55	1·46	1·05	1·36	0·10	1·53	15·78
1859	0·61	1·29	0·77	2·01	1·80	3·10	2·18	2·49	4·05	2·55	2·72	1·95	25·52
1860	2·18	1·20	1·63	0·95	3·04	5·15	2·72	4·16	2·82	1·60	2·60	2·03	30·08
1861	0·82	1·41	1·89	1·44	1·31	2·35	1·90	0·50	1·78	1·04	4·10	0·94	19·48
1862	1·53	0·38	3·74	2·29	3·54	2·33	2·09	2·40	2·74	3·00	1·01	1·49	26·54
1863	2·19	0·26	0·68	0·54	1·46	4·46	0·80	1·96	3·47	1·56	1·68	1·26	20·32
1864	0·57	0·76	2·53	0·77	1·95	1·70	0·50	1·59	2·81	1·42	1·94	0·34	16·88
1865	3·50	1·63	0·95	0·35	3·19	1·84	2·37	3·64	0·58	6·25	1·70	0·92	26·92
1866	3·72	3·80	1·65	1·98	1·17	3·60	1·30	2·69	4·04	2·00	1·16	1·93	29·04
1867	2·16	1·33	1·97	1·67	2·05	1·37	4·00	2·55	2·31	1·41	0·39	1·02	22·23
1868	1·64	0·95	0·93	0·93	1·05	0·33	1·32	2·37	1·88	1·93	1·07	4·86	19·26
1869	1·98	1·98	0·86	1·22	2·76	1·26	0·80	1·32	3·72	1·17	2·18	2·44	21·69
Sums	75·88	63·67	60·23	66·61	86·19	87·37	102·19	105·83	109·98	115·76	92·53	67·28	
Means	1·72	1·45	1·37	1·51	1·96	1·99	2·32	2·41	2·50	2·63	2·10	1·53	23·49

TABLE XIV.

Showing the sums of every Fall of Rain in every Day of the Year in Forty-four Years (1826–69 inclusive).

Day of the Month	January	February	March	April	May	June	July	August	September	October	November	December
1	1·75	2·20	2·31	2·56	1·62	2·12	4·09	3·16	4·01	3·35	2·68	1·97
2	1·01	2·85	2·23	3·42	1·79	3·82	1·04	5·17	2·78	2·28	3·09	2·73
3	2·50	2·63	2·42	1·39	2·65	3·02	3·38	4·52	3·28	3·16	2·72	1·38
4	2·33	2·86	1·51	2·30	2·45	2·66	1·47	3·24	2·61	4·36	2·46	2·28
5	2·46	2·49	2·21	2·58	4·36	4·76	2·54	3·45	1·69	3·89	3·27	2·34
6	2·05	0·88	1·65	1·29	3·53	1·56	2·89	3·53	5·37	3·78	2·99	2·90
7	2·74	2·40	1·44	2·54	3·40	2·44	2·38	3·77	2·79	3·40	2·32	3·42
8	0·86	2·74	1·06	2·81	3·83	1·20	2·81	2·67	4·64	3·71	2·97	2·64
9	2·17	2·21	1·97	2·81	3·76	4·06	2·99	2·48	5·89	3·79	1·70	2·05
10	1·85	1·95	2·11	1·17	2·44	2·65	2·40	4·39	4·27	5·32	3·96	0·91
11	4·50	2·76	1·90	2·11	2·39	1·97	3·62	4·06	3·35	2·79	3 09	2·32
12	4·80	1·73	1·79	2·84	3·96	4·83	2·98	1·62	2·56	3·28	1·97	1·87
13	2·86	1·60	2·33	1·69	2·83	4·20	3·24	5·53	2·46	1·25	4·61	1·15
14	2·61	1·99	3·89	1·82	2·29	2·76	2·68	5·24	3·47	2·57	4·22	1·75
15	1·80	1·96	1·72	1·93	2·52	2·35	4·73	3·01	2·77	4·35	1·99	3·16
16	2·23	1·21	2·85	2·75	1·49	2·14	3·65	3·71	3·06	3·91	2·02	3·18
17	1·40	1·91	2·02	1·47	2·33	3·48	3·18	6·05	4·00	1·78	2·67	2·08
18	2·96	1·28	0·95	1·93	1·48	2·92	4·54	2·48	4·79	5·58	2·88	3·07
19	3·72	2·32	1·37	1·08	2·54	3·17	3·17	2·88	3·16	2·38	2·48	2·15
20	2·79	2·94	3·32	2·23	3·56	2·20	3·26	2·05	2·62	2·91	1·60	2·16
21	2·77	1·80	1·34	1·38	2·77	4·09	2·74	3·47	3·61	3·15	4·43	1·62
22	1·87	1·53	1·44	2·58	1·58	2·30	3·92	3·30	3·20	6·33	3·50	2·68
23	1·50	2·14	2·47	3·41	2·39	2·24	4·81	4·24	3·63	4·48	3·06	2·95
24	2·84	2·88	0·90	2·90	2·88	2·78	3·73	1·73	4·09	4·79	2·93	1·42
25	2·57	2·64	2·00	3·98	2·44	3·94	2·99	3·21	1·87	5·58	2·46	1·24
26	2·34	4·18	0·84	1·20	2·76	3·93	4·74	2·48	6·09	3·35	3·90	2·51
27	2·42	1·90	1·77	2·33	3·44	2·34	3·95	3·21	4·82	4·90	4·18	1·63
28	2·07	2·66	2·83	2·33	3·99	3·03	4·09	1·58	6·19	4·72	5·17	1·13
29	1·80	(0·93)	1·35	2·59	4·18	1·30	2·75	2·95	3·65	2·79	4·58	2·44
30	3·40		2·07	1·19	1·55	3·11	4·49	2·66	3·26	4·58	2·63	1·70
31	2·91		2·17		2·99		2·94	3·99		3·25		2·45
Sums	75·88	63·67	60·23	66·61	86·19	87·37	102·19	105·83	109·98	115·76	92·53	67·28
Means	2·45	2·24	1·94	22·2	2·78	2·91	3·30	3·41	3·67	3·73	3·08	2·17

By taking the means of the numbers in each month for all the years, the average fall of rain for each month is as follows:—

	At Chiswick.	At Greenwich.
	In.	In.
January	1·70	1·87
February	1·45	1·57
March	1·37	1·59
April	1·51	1·73
May	1·96	2·17
June	1·99	1·94
July	2·32	2·56
August	2·41	2·39
September	2·50	2·43
October	2·63	2·77
November	2·10	2·36
December	1·53	1·96

Greenwich averages are for fifty-five years, viz. 1815–1869.

The following Table shows the yearly fall of rain in each year in the period 1826—1869 at Chiswick and at Greenwich for the same years:—

Year.	Chiswick.	Greenwich.
	In.	In.
1826	21·8	23·0
1827	22·4	24·9
1828	27·9	31·5
1829	26·1	25·2
1830	24·3	27·2
1831	26·9	30·8
1832	21·6	19·3
1833	25·8	23·0
1834	20·4	19·6
1835	23·2	24·9
1836	28·7	27·1
1837	19·9	21·0
1838	21·6	23·8
1839	27·9	29·6
1840	18·9	18·3
1841	31·0	33·3
1842	22·3	22·6
1843	25·5	24·6
1844	21·3	24·9
1845	23·3	22·4
1846	27·7	25·3
1847	16·7	17·8
1848	28·8	30·2
1849	22·8	23·7
1850	18·3	19·7
1851	20·8	22·7
1852	32·6	34·2

Year.	Chiswick.	Greenwich.
	In.	In.
1853	24·4	29·0
1854	18·9	18·7
1855	24·4	21·1
1856	22·7	22·2
1857	21·1	21·4
1858	15·8	17·8
1859	25·5	25·9
1860	30·1	32·0
1861	19·5	20·3
1862	26·5	26·5
1863	20·3	19·8
1864	16·9	16·8
1865	26·9	28·6
1866	29·0	30·1
1867	22·2	28·5
1868	19·3	25·2
1869	21·7	24·0

The years distinguished by the smallest annual fall of rain, both at Chiswick and Greenwich, are 1847, and 1864. The least annual rainfall at Chiswick was 15·8 inches, the year 1858. The greatest annual rainfall at Chiswick was 32·6 inches, the year 1852. By comparing the falls of rain at Chiswick and Greenwich together, year by year, we see that generally the fall at Greenwich is the greater in amount, and this excess at times has continued for several years together. These instances are:—

			In.
From 1826 to 1828,	the excess in	3 years was	7·3
„ 1837 to 1839,	„	3 years was	5·0
„ 1847 to 1853,	„	7 years was	12·9
„ 1857 to 1861,	„	5 years was	5·4
„ 1865 to 1869,	„	5 years was	17·3

There is reason to fear that the rainfall at Chiswick in the last three or four years has been somewhat too small in amount.

At times, however, it has been greater at Chiswick than at Greenwich. These instances are:—

The year 1829.
„ years 1832, 1833, and 1834.
„ years 1836, 1840, 1843, 1845, 1846, 1854, 1855, 1856, 1863, and 1864.

One year the amounts were the same, viz., in 1862. There are twenty-nine instances of Greenwich being in excess; and fourteen of Chiswick being in excess.

The mean at Chiswick is 23·5 inches,
and „ Greenwich is 24·5 inches,

as the annual fall of rain, as found from the observations 1826 to 1869.

By comparing the numbers in Table XIV. month by month we see that:—

		In.			In.		
In January	the sums vary from	0·86	on the	8th	to 4·80	on the	12th
,, February	,, ,,	0·88	,,	6th	,, 4·18	,,	26th
,, March	,, ,,	0·84	,,	26th	,, 3·89	,,	14th
,, April	,, ,,	1·08	,,	19th	,, 3·98	,,	25th
,, May	,, ,,	1·48	,,	18th	,, 4·36	,,	5th
,, June	,, ,,	1·20	,,	8th	,, 4·83	,,	12th
,, July	,, ,,	1·04	,,	2nd	,, 4·81	,,	23rd
,, August	,, ,,	1·58	,,	28th	,, 6·05	,,	17th
,, September	,, ,,	1·69	,,	5th	,, 6·19	,,	28th
,, October	,, ,,	1·25	,,	13th	,, 6·33	,,	22nd
,, November	,, ,,	1·60	,,	20th	,, 5·17	,,	28th
,, December	,, ,,	0·91	,,	10th	,, 3·42	,,	7th

By taking the differences between these extremes in each month, we find that the smallest difference is in December, viz., 2·51 in., and the largest in October, viz., 5·08 in.

By comparing the consecutive numbers in Table XIV. together very large differences are found, the largest of these in each month are as follows:—

				In.
In January	between the	10th and 11th	days, the difference is	2·65
,, February	,,	26th ,, 27th	,, ,,	2·28
,, March	,,	14th ,, 15th	,, ,,	2·17
,, April	,,	25th ,, 26th	,, ,,	2·78
,, May	,,	29th ,, 30th	,, ,,	2·63
,, June	,,	5th ,, 6th	,, ,,	3·20
,, July	,,	1st ,, 2nd	,, ,,	3·05
,, August	,,	12th ,, 13th	,, ,,	3·91
,, September	,,	25th ,, 26th	,, ,,	4·22
,, October	,,	17th ,, 18th	,, ,,	3·80
,, November	,,	20th ,, 21st	,, ,,	2·83
,, December	,,	23rd ,, 24th	,, ,,	1·53

By comparing the amounts of the falls at different periods of the year, it is at once seen that the heaviest take place in the months of May to November, and the lightest in the early months of the year. The day in the year distinguished by the smallest fall is March 26, with 0·84 in. for 44 years, the next in order being January 8 and February 6. The day distinguished by the heaviest fall of the year is October 22, with 6·33 in. as the sum for 44 years; the next in order are September 28 and September 26, with 6·19 in. and 6·09 in. respectively.

By taking the sums of the numbers in Table XIV. in five-day periods

Table XV. was formed. On looking over this Table, we still find considerable differences in every month of the year, and that the sum of five-day periods vary.

		In.			In.	
In January	from	9·67	6th to 10th,	to	16·57	11th to 15th
,, February	,,	8·68	15th ,, 19th,	,,	13·69	25th ,, March 1st
,, March	,,	7·65	22nd ,, 26th,	,,	12·58	12th ,, 16th
,, April	,,	9·46	16th ,, 20th,	,,	14·25	21st ,, 25th
,, May	,,	11·40	16th ,, 20th,	,,	16·96	6th ,, 10th
,, June	,,	13·61	20th ,, 24th,	,,	16·41	10th ,, 14th
,, July	,,	13·09	June 30th ,, 4th,	,,	19·27	15th ,, 19th
,, August	,,	12·21	24th ,, 28th,	,,	20·49	14th ,, 18th
,, September	,,	15·74	3rd ,, 7th,	,,	20·71	8th ,, 12th
,, October	,,	13·86	13th ,, 17th,	,,	23·10	23rd ,, 27th
,, November	,,	14·04	7th ,, 11th,	,,	18·53	27th ,, Dec. 1st
,, December	,,	9·35	27th ,, 31st,	,,	11·63	2nd ,, 6th

TABLE XV.

Showing the Sum of Rainfall in Five-day Periods.

Periods	Amounts	Periods	Amounts	Periods	Amounts	Periods	Amounts
January 1–5 .	10·05	April 1–5 .	12·25	June 30 to July 4 .	13·09	Sept. 28 to Oct. 2 .	18·73
" 6–10 .	9·67	" 6–10 .	10·62	July 5–9 .	13·61	October 3–7 .	18·59
" 11–15 .	16·57	" 11–15 .	10·39	" 10–14 .	14·92	" 8–12 .	18·89
" 16–20 .	13·10	" 16–20 .	9·46	" 15–19 .	19·27	" 13–17 .	13·86
" 21–25 .	11·55	" 21–25 .	14·25	" 20–24 .	18·46	" 18–22 .	20·35
" 26–30 .	12·03	" 26–30 .	9·64	" 25–29 .	18·52	" 23–27 .	23·10
Jan. 31 to Feb. 4 .	13·55	May 1–5 .	12·87	July 30 to August 3 .	20·28	Oct. 28 to Nov. 1 .	18·02
February 5–9 .	10·72	" 6–10 .	16·96	August 4–8 .	16·66	November 2–6 .	14·53
" 10–14 .	10·03	" 11–15 .	13·99	" 9–13 .	18·08	" 7–11 .	14·04
" 15–19 .	8·68	" 16–20 .	11·40	" 14–18 .	20·49	" 12–16 .	14·81
" 20–24 .	11·29	" 21–25 .	12·06	" 19–23 .	15·94	" 17–21 .	14·06
February 25 to March 1	13·69	" 26–30 .	15·92	" 24–28 .	12·21	" 22–26 .	15·85
March 2–6 .	10·02	May 31 to June 4 .	14·61	August 29 to Sept. 2 .	16·39	Nov. 27 to Dec 1 .	18·53
" 7–11 .	8·48	June 5–9 .	14·02	September 3–7 .	15·74	December 2–6 .	11·63
" 12–16 .	12·58	" 10–14 .	16·41	" 8–12 .	20·71	" 7–11 .	11·34
" 17–21 .	9·00	" 15–19 .	14·06	" 13–17 .	15·76	" 12–16 .	11·11
" 22–26 .	7·65	" 20–24 .	13·61	" 18–22 .	17·38	" 17–21 .	11·08
" 27–31 .	10·19	" 25–29 .	14·54	" 23–27 .	20·50	" 22–26 .	10·80
						" 27–31 .	9·35

The sums of the falls of rain in five day-periods, therefore, exhibit very considerable differences in every month; the smallest is in December, viz., 2·26 in., and the largest is in October, 9·24 in.; they are also large in January, July, and August.

The mean difference of the four months January, July, August, and October is 7·63 in., and of the remaining eight months is 4·35 in.

The five-day period distinguished by the least rain in the year is from March 22 to 26; and that by the greatest is October 23 to 27; the difference between the two amounts is 15·45 in 44 years.

By taking the numbers in Table XIV. in successive ten-day groups the next Table was formed.

TABLE XVI.

Showing the Sum of Rainfall in Ten-day Periods.

January 1–10 . . .	19·72	June 30 to July 9 . .	26·70
" 11–20 . . .	29·67	July 10–19 . .	34·19
" 21–30 . . .	23·58	" 20–29 . .	36·98
January 31 to February 9	24·27	July 30 to August 8 .	36·94
February 10–19 . .	18·71	August 9 to 18 . .	38·57
February 20 to March 1 .	24·98	" 19–28 . . .	38·15
March 2–11 . . .	18·50	August 29 to September 7	32·13
" 12–21 . . .	21·58	September 8–17 . .	36·47
" 22–31 . . .	17·84	" 18–27 . .	37·88
April 1–10 . . .	22·87	September 28 to October 7	37·32
" 11–20 . . .	19·85	October 8–17 . . .	32·75
" 21–30 . . .	23·89	" 18–27 . . .	43·45
May 1–10 . . .	29·83	October 28 to November 6	32·55
" 11–20 . . .	25·39	November 7–16 . .	28·85
" 21–30 . . .	27·98	" 17–26 . .	29·91
May 31 to June 9 . .	28·63	November 27 to December 6	30·16
June 10–19 . . .	30·47	December 7–16 . .	22·45
" 20–29 . . .	28·15	" 17–26 . .	21·88

The differences between these numbers are at times great; in January the sum, in the first ten days is less than in the second by 10·0 in. From this time the differences are generally small, with the exception of that between the period ending July 9 and that ending July 19, which is 7·5 in., till between the ten-day period ending October 17 and that ending October 27, the difference being 10·7 in., and also between

the period ending October 27 and that ending November 6, the difference on this occasion being 10·9 in., this also being the largest difference in the year.

The period of least changes, generally, between consecutive ten-day periods, extends from July 19 to October 7; but the driest ten-day period, however, does not occur in this interval, it being from March 22 to 31; the next in order is March 2 to 11, and then February 10 to 19.

The wettest period of ten consecutive days in the year is from October 18 to 27. The other periods of large falls are August 9 to 18, August 19 to 28, and September 18 to 27.

It is worthy of notice that both the driest and wettest decades are coincident in date with those as found in the reduction of the Greenwich observations.

By taking the sums in fifteen-day periods the next Table was formed.

TABLE XVII.

Showing the Sum of Rainfall in Fifteen-day Periods.

January 1–15 . . .	36·29	June 30 to July 14 . .	41·62
„ 16–30 . . .	36·68	July 15–29 . . .	56·25
January 31 to February 14	34·30	July 30 to August 13 .	55·02
February 15 to March 1 .	33·66	August 14–28 . . .	48·64
March 2–16 . . .	31·08	August 29 to September 12	52·84
„ 17–31 . . .	26·84	September 13–27 . .	53·64
April 1–15 . . .	33·26	September 28 to October 12	56·21
„ 16–30 . . .	33·35	October 13–27 . . .	57·31
May 1–15 . . .	43·82	October 28 to November 11	46·59
„ 16–30 . . .	39·38	November 12–26 . .	44·72
May 31 to June 14 . .	45·04	November 27 to December 11	41·50
June 15–29 . . .	42·21	December 12–26 . .	32·99

The differences between these numbers are occasionally large. Between the periods ending April 30 and May 15 the difference is 10·5 in.; between those ending July 14 and July 29, 14·6 in.; and between those ending October 27 and November 11, 10·7 in.

The fifteen-day period of least rain is from March 17 to 31, and the next in order is from March 2 to 16.

The period of most rain is October 13 to 27, and the next in order is July 15 to 29, and September 28 to October 12.

By taking the sums of rain in successive periods of thirty days, we find that the sum—

								In.
From January	1st	to	January	30th	was	72·97
„ „	31st	„	March	1st	„	67·96
„ March	2nd	„	„	31st	„	57·92
„ April	1st	„	April	30th	„	66·61
„ May	1st	„	May	30th	„	83·20
„ „	31st	„	June	29th	„	87·25
„ June	30th	„	July	29th	„	97·87
„ July	30th	„	August	28th	„	103·66
„ August	29th	„	September	27th	„	106·48
„ September	28th	„	October	27th	„	113·52
„ October	28th	„	November	26th	„	91·31
„ November	27th	„	December	26th	„	74·49

From this we see that the period of thirty consecutive days of least fall of rain is from March 2 to 31, and of the greatest, from September 28 to October 27.

By taking the sums of the amounts of rain which fell on every day, in periods of sixty days, we find that the sum—

						In.
From January	1st	to	March	1st	was	140·93
„ March	2nd	„	April	30th	„	124·53
„ May	1st	„	June	29th	„	170·45
„ June	30th	„	August	28th	„	201·53
„ August	29th	„	October	27th	„	220·00
„ October	28th	„	December	26th	„	165·80

The period of least fall of sixty days' duration was from March 2 to April 30, and of the greatest from August 29 to October 27.

Again, by taking periods of successive ninety days, we see that the sum—

						In.
From January	1st	to	March	31st	was	198·85
„ April	1st	„	June	29th	„	237·06
„ June	30th	„	September	27th	„	308·01
„ September	28th	„	December	26th	„	279·32

But the sum of the falls in the ninety days from January 31 to April 30, was 192·5 in., being smaller than in the period from January 1 to March 31; and the sum of the falls in the ninety days September 8 to December 6, was 309·3 in., being larger than in the ninety days June 30 to September 27.

Taking successive periods of 120 days, the sums of the falls are:—

						In.
From January	1st	to	April	30th	was	265·46
„ May	1st	„	August	28th	„	371·98
„ August	29th	„	December	26th	„	385·80

But these sums do not represent the 120 days of greatest rain, the sum of the falls from July 30 to November 26 being 415·0 in.; and that from June 30 to October 27 is 421·5 in., which represents the greatest in the year.

Collecting together the several periods of least rain, we find that—

The 5-day period of least rain was from	March	22nd	to	March	26th
„ 10 „ „	„	22nd	„	„	31st
„ 15 „ „	„	17th	„	„	31st
„ 30 „ „	„	2nd	„	„	31st
„ 60 „ „	„	2nd	„	April	30th
„ 90 „ „	January	31st	„	„	30th
„ 120 „ „	„	1st	„	„	30th

Thus, all the periods of least falls of rain take place within the first 120 days of the year.

In like manner, collecting the periods of heaviest falls, we find that:—

The 5-day period of heaviest rain was from	October	23rd	to	October	27th
„ 10 „ „	„	18th	„	„	27th
„ 15 „ „	„	13th	„	„	27th
„ 30 „ „	September	28th	„	„	27th
„ 60 „ „	August	29th	„	„	27th
„ 90 „ „	July	30th	„	„	27th
„ 120 „ „	June	30th	„	„	27th

Thus, all the periods of heaviest rains take place in the period from June 30 to October 27.

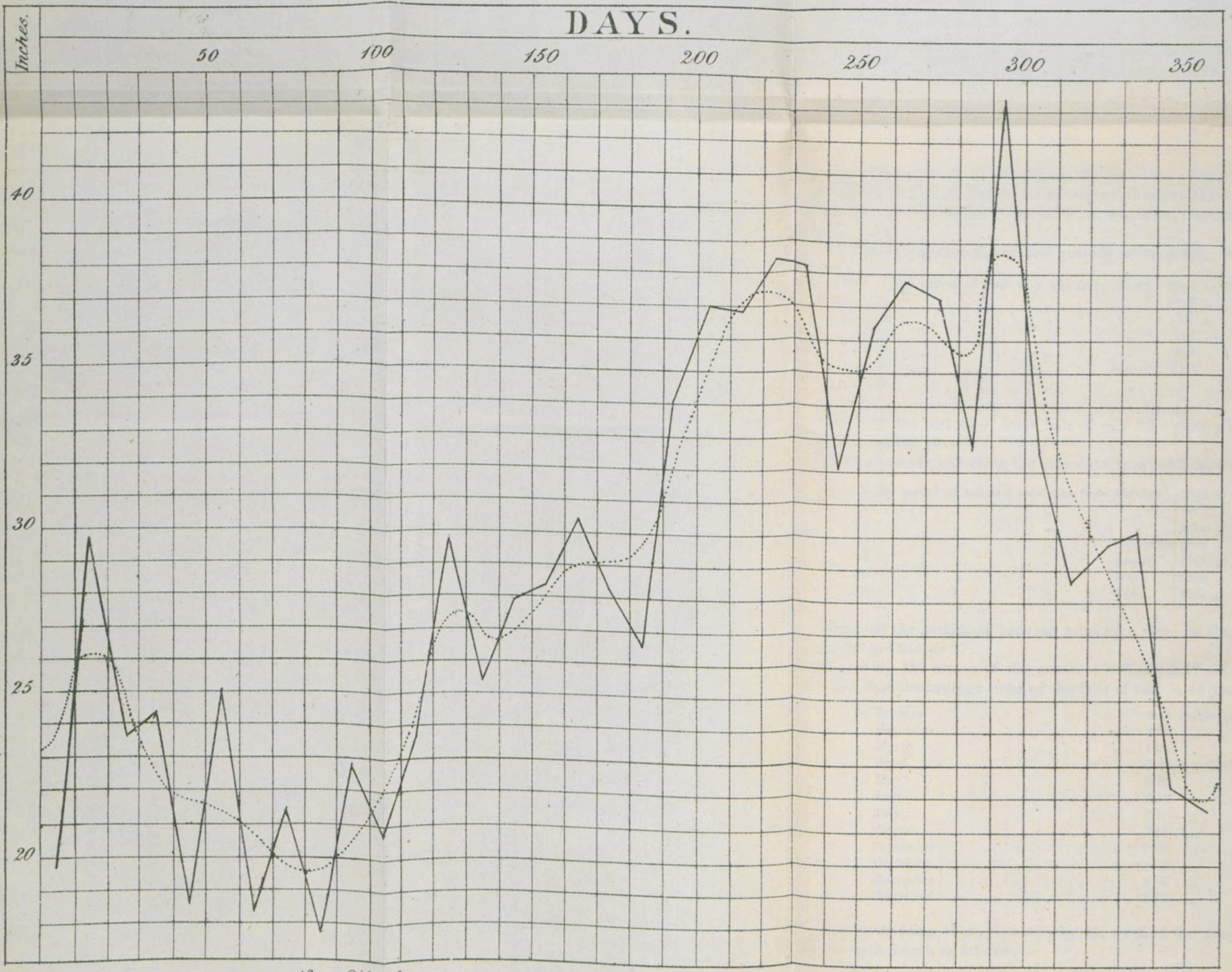
By taking the means of the numbers in Table XIV. in each month, we find that the average sums of the falls of rain in 44 years :—

In January	2·45	inches per day
„ February	2·24	„ „
„ March	1·94	„ „
„ April	2·22	„ „
„ May	2·78	„ „
„ June	2·91	„ „
„ July	3·30	„ „
„ August	3·41	„ „
„ September	3·67	„ „
„ October	3·73	„ „
„ November	3·08	„ „
„ December	2·17	„ „

And by dividing these numbers by 44, we find the average fall per day in each month as follows:—

In January	·056	inch per day
„ February	·051	„ „
„ March	·044	„ „

Diagram showing the amount of Rainfall at Chiswick in successive Periods of ten days from all the years 1826 to 1869.



Spottiswoode & Co. Lith. London.

Note. The first point in the curve shows the total amount of rain which fell in 44 years between Jany. 1 and Jany. 10, and the second point that of the second 10 days and so on for successive periods of 10 days.

In April	. . . .	·050 inch per day
„ May	. . . .	·063 „ „
„ June	. . . .	·066 „ „
„ July	. . . .	·075 „ „
„ August	. . . .	·078 „ „
„ September	. . . .	·083 „ „
„ October	. . . .	·085 „ „
„ November	. . . .	·070 „ „
„ December	. . . .	·049 „ „

The average rainfall in the first 120 days, being those of least rain, is 0·05 in. per day; and in the period, June 30 to October 27, being those of the greatest rain, is 0·08 in. per day.

By taking the sums of the falls of rain in the several periods of least and greatest falls, and dividing the sums by the numbers as follows:—in the

			In.		In.
5	days of least falls	the sum was	7·65	or, per day,	1·53
10	„	„	17·84	„	1·78
15	„	„	26·84	„	1·79
30	„	„	57·92	„	1·93
60	„	„	124·53	„	2·08
90	„	„	198·85	„	2·21
120	„	„	265·46	„	2·21

and of

			In.		In.
5	days of greatest falls	the sum was	23·10	or, per day,	4·62
10	„	„	43·45	„	4·35
15	„	„	57·31	„	3·82
30	„	„	113·52	„	3·78
60	„	„	220·00	„	3·67
90	„	„	308·01	„	3·42
120	„	„	421·53	„	3·51

If we divide the numbers in the last column by 44, we find that the average fall per day in the

			In.			In.
5	days of least rain	was	·035,	and of the greatest	was	·105
10	„	„	·040,	„	„	·099
15	„	„	·041,	„	„	·087
30	„	„	·044,	„	„	·086
60	„	„	·047,	„	„	·083
90	„	„	·050,	„	„	·078
120	„	„	·050,	„	„	·080

Laying down the results as found by the ten-day period, the diagram opposite shows the general run of the rainfall for the year.

The minimum, as observed, appears between the 80th and 90th days of the year, and the maximum between the 290th and 300th days, and these are the same days as found at Greenwich.

By drawing a line through the curve, giving equal weight to every point, the dotted curved line is drawn: if we consider this to represent the annual march of the fall of rain, it seems that the minimum is from the 80th to the 90th days; that it increases gradually, but with checks, to a maximum about the 220th day, decreases a little after this, attains the maximum between the 290th and 300th days; then rapidly decreases towards the end of the year, when a secondary minimum takes place, and increases to a winter maximum about the middle of January, agreeing in all its main characters with the results as found at Greenwich from fifty-five years' observations.

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